

# Upper South Creek

## Advanced Water Recycling Centre and Pipelines

CoA A9 Consultation Summary Report – Urban Design and  
Landscape Plan

Document Number: USCP-JHG-RPT-ENV-0011  
Revision: C



## Revisions and Distribution

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| Date:          | (Project Director)<br>21-08-2023 |

### Revisions

Draft issues of this document shall be identified as Revision 01, 02, 03 etc. Upon initial issue (generally Contract Award) this shall be changed to a sequential number commencing at Revision A. Revision numbers shall commence at Rev. A, B etc.

| Date       | Rev | Remarks                                           | Section                | Prepared By                                                     | Reviewed By & Approved By                                       |
|------------|-----|---------------------------------------------------|------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| 21-08-2023 | 01  | Summary of consultation for Sydney Water's review | All                    | M. Robertson, JH Community & Stakeholder Team                   | R. Ioffrida, JH Project Director                                |
| 23-08-2023 | 01  | Comments on Rev 01                                | All                    | G. Thomas, SW Engagement Lead<br>C. Cahill, SW Environment Lead |                                                                 |
| 24-08-2023 | A   | Final for issue to DPE                            | All                    | M. Robertson, JH Community & Stakeholder Team                   | G. Thomas, SW Engagement Lead<br>C. Cahill, SW Environment Lead |
| 20-10-2023 | B   | Revision to capture additional consultation       | 1.4<br>2<br>Appendices | M. Robertson, JH Community & Stakeholder Team                   | J. Julius, JH Planning Development & Completions Manager        |
| 13-11-2023 | C   | Update to stakeholder feedback                    | 2<br>Appendices        | M. Robertson, JH Community & Stakeholder Team                   | J. Julius, JH Planning Development & Completions Manager        |

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## 1 Introduction

### 1.1 Background

The Upper South Creek Advanced Water Recycling Centre and Pipelines project (the project) has been proposed to support the population growth and economic development of the Western Sydney Aerotropolis Growth Area (WSAGA or Aerotropolis), South West Growth Area (SWGGA) and the new Western Sydney International Airport. The project will provide wastewater services to Western Sydney to produce high-quality treated water for non-drinking reuse and for release to local waterways.

The project will comprise the following components:

- A new Advanced Water Recycling Centre (AWRC) to collect wastewater from businesses and homes and treat it, producing high-quality treated water, renewable energy and biosolids for beneficial reuse
- A new green space area around the AWRC, adjacent to Wianamatta-South Creek and Kemps Creek, to support the ongoing development of a green spine through Western Sydney
- New infrastructure from the AWRC to Wianamatta-South Creek, to release excess treated water during significant wet weather events, estimated to occur about 3 – 14 days each year
- A new treated water pipeline from the AWRC to Nepean River at Wallacia Weir, to release high-quality treated water to the river during normal weather conditions
- A new brine pipeline from the AWRC connecting into Sydney Water's existing wastewater system to transport brine to the Malabar Wastewater Treatment Plant
- A range of ancillary infrastructure.

The Department of Planning and Environment (DPE) issued the final Secretary's Environmental Assessment Requirements (SEARs) for the project in January 2021. Sydney Water prepared an Environmental Impact Statement (EIS) responding to these requirements, which was on public exhibition on the major projects planning portal for 28 days from 21/10/2021 to 17/11/2021. During this time, due to its importance, the project was declared to be State Significant Infrastructure (SSI) and Critical State Significant Infrastructure (CSSI) by the then Minister for Planning and Public Spaces on 9 November 2021. Sydney Water submitted an Amendment Report for the proposal on 11 March 2022. This report provided a description of amendments to the proposal that occurred since the exhibition of the EIS. The Amendment Report was on public exhibition on the major projects planning portal from 23 March 2022 to 05 April 2022.

On 28 November 2022, DPE approved the construction and operation of the project (SSI 8609189) (herein referred to as the USC project).

Following determination of the project at a state level by the NSW Minister for Public Spaces, the project was referred to the Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW) for a decision about whether the project was likely to have a significant impact on any matters of national environmental significance under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999.

A detailed description of the project is provided in Chapter 4 of the Upper South Creek AWRC EIS, Volume 2.

The USC project will be built in stages, consisting of:

#### Stage 1

- building and operating the AWRC to treat a daily wastewater flow, known as the average dry weather flow (ADWF), of up to 50 megalitres per day (ML/day)
- building the treated water and brine pipelines to cater for up to 100 ML/day flow coming through the AWRC (but only operating them to transport and release volumes produced by Stage 1).

#### Future Stages

It is expected that the AWRC will ultimately require expansion to treat wastewater flows up to 100 ML/day. Sydney Water will remain flexible on the size and timing of these future upgrades to accommodate changes in population projections over time. Future stages will be subject to further environmental assessment.

Further detail on project staging is provided in the Upper South Creek AWRC EIS.

John Holland has been appointed by Sydney Water to deliver the USC project works, with detailed design and construction planning for treating a daily wastewater flow of up to 35ML/day. Greater flow capacities including up to 50ML/day and 100ML/day, as explored in the EIS, are not covered in Stage 1.

## 1.2 Purpose of this Consultation Summary Report

This Consultation Summary Report has been prepared to meet the requirements of the CSSI approval, in particular Condition of Approval (CoA) A9. CoA A9 outlines the requirements for undertaking and documenting consultation undertaken during the preparation of approval documents or monitoring programs required under relevant CoA for those documents. This Consultation Summary Report has been prepared to consolidate the consultation undertaken during the preparation of the following:

- CoA E61: Design Outcomes
- CoA E63: Urban Design and Landscape Plan (UDLP)

Consultation required during development of this document is detailed in Table 1-1.

**Table 1-1 Consultation Requirements**

| Reference | Document Name                   | Consultation Requirement                                                                                                                                                        |
|-----------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CoA E61   | Design Outcomes                 | "...prepared in consultation with the community (including the affected landowners and businesses or a representative of the businesses), LALCs, RAPs and relevant council(s)." |
| CoA E63   | Urban Design and Landscape Plan | "...prepared in consultation with relevant council(s) and the community, including affected landowners and businesses;"                                                         |

## 1.3 CoA Compliance

This section discusses the compliance of this Consultation Summary Report with the relevant CoA as applicable to consultation required to be undertaken during the development of the UDLP.

Table 1-2 lists the applicable CoA, where and how they have been addressed in this Consultation Summary Report.

**Table 1-2 CoA relevant to Consultation Summary Report**

| CoA ID | CoA Detail                                                                                                                                                                                                                                        | How and where addressed                                 |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| A9     | Where the terms of this approval require consultation to be undertaken, evidence of the consultation undertaken must be submitted to the Planning Secretary and ER (as relevant) with the corresponding documentation. The evidence must include: | This document (Consultation Summary Report)             |
| A9     | a) documentation of the engagement with the party identified in the condition of approval that has occurred before submitting the document for approval;                                                                                          | Section 2 and Appendices of Consultation Summary Report |
| A9     | b) a log of the dates of attempted engagement with the identified party;                                                                                                                                                                          | Section 2 and Appendices of Consultation Summary Report |
| A9     | c) documentation of the follow-up with the identified party where engagement has not occurred to confirm that they do not wish to engage or have not attempted to engage after repeated invitations.                                              | Section 2 and Appendices of Consultation Summary Report |
| A9     | d) outline of the issues raised by the identified party and how they have been addressed                                                                                                                                                          | Section 2                                               |
| A9     | e) a description of the outstanding issues raised by the identified party and the reasons why they have not been addressed                                                                                                                        | Section 2                                               |

## 1.4 Consultation Process

Consultation (or engagement) with stakeholders was undertaken for the UDLP using the following means:

- Review of EIS consultation outcomes
- Aboriginal stakeholder engagement including a Walk on Country event and a stakeholder workshop
- Community newsletter drop and email inviting people to review the draft UDLP
- Community information session in the Aerotropolis (with multiple government agencies and councils present)
- Workshop with government agencies and City of Penrith Council including follow up emails
- Website information (Sydney Water Talk)

- Formal correspondence (Aconex)
- Stakeholder emails
- Phone calls, emails and doorknocking of nearby properties

## 1.5 Starting with Country

As outlined in the NSW Government's [Recognise Country Guidelines for development in the Aerotropolis, 2022 \(Recognise Country Guidelines\)](#) projects should be planned and designed in a way that acknowledges Traditional Custodians and provides "opportunities to Connect with Country, Design with Country and Care for Country... Dharug peoples' continued connection with and knowledge of Country is a valuable source of wisdom, which can guide planning and development in the Aerotropolis to improve the way we plan and design the places where we live, work, and play".

The USC project team has committed to listening to Traditional Custodians and knowledge holders so that Aboriginal perspectives and needs are considered during the design and delivery of the AWRC and Green Space. This has involved engaging with Aboriginal stakeholders first and giving precedence to the voice of Traditional Custodians so they have a real opportunity to influence the urban design and landscape outcomes for the AWRC and Green Space.

## 2 Community and Stakeholder Consultation

This Section of the Consultation Summary Report provides detail of consultation undertaken with each stakeholder in the preparation of the UDLP. It explains the reasons for the chosen engagement approach and a consultation log that identifies:

- Consultation dates (actual and attempted)
- Form of consultation
- Whether responses and / or comments were received
- Summary of the issues raised, including how they have been addressed

Documentary evidence of all the correspondence received and sent through the consultation phase is contained in the Appendices at the end of this Report. The Appendices and this Section are broken down by stakeholder group, not by issue. Further engagement activities have occurred since the UDLP was submitted to DPE and will continue to occur as detailed designs are available for review by stakeholders.

### 2.1 Engagement Approach

The engagement approach for the UDLP was guided by the Minister's Conditions of Approval E61 and E63, the NSW Government's [Recognise Country Guidelines for development in the Aerotropolis, 2022 \(Recognise Country Guidelines\)](#) as well as the [Community and Stakeholder Engagement Plan](#) (CSEP) for the project, which includes analysis of community and stakeholder issues and concerns based on past engagement activities and the exhibition of the EIS. The staging of the Stage 1 CSSI Works was also considered - the UDLP focuses on the AWRC operational site, the landscaping within and surrounding the operational site and the riparian planting corridor along Wianamatta-South Creek. Opportunities for more in-depth consultation around the Green Space will come after the UDLP has been finalised for the Stage 1 operational footprint. The UDLP will be revised to include the urban design scope and consultation outcomes undertaken for the Green Space, as part of the development of the Green Space master plan.

Another factor in deciding the engagement approach was the level of stakeholder interest and the ability for stakeholders to influence decisions. For example, despite an extensive community and stakeholder engagement program, there was limited interest from the wider community in the AWRC urban design and landscaping during the preparation and exhibition of the EIS. And decisions about the type, height, position and colour of AWRC operational structures have mostly already been made by Sydney Water based on planning regulations and technical requirements.

The engagement approach for the UDLP sought to provide the nearby community and project stakeholders the opportunity to learn and ask questions about the planned design and landscaping at the site, noting that further engagement about the Green Space area would occur at a later stage. Additional engagement for proposed urban design and landscaping was carried out with stakeholders who either had a particular interest in the AWRC site or who may be affected by the permanent built works and/or landscaping. They include Aboriginal stakeholders, City of Penrith Council, aviation stakeholders and nearby landowners including Transport for NSW and the University of Sydney. The conversation with these stakeholders is ongoing and extends beyond the plans included in the UDLP. These stakeholders were invited to review the latest urban design, landscaping and riparian planting designs during a workshop on 20 October 2023 and, like the wider community, will be invited to participate in the master planning for the Green Space area later this year.

### 2.2 Aboriginal Stakeholders

After an extensive expression of interest process held in early May 2023 (with Dharug Traditional Custodians, members of the Aboriginal community in Western Sydney and the project's Registered Aboriginal Parties [RAPs] including Deerubbin Local Aboriginal Land Council [LALC], Gandangara LALC and Tharawal LALC), 18 Aboriginal stakeholders agreed to participate in ongoing stakeholder engagement activities to support the detailed design and delivery of the USC project.

It was important that engagement about the AWRC site on Dharug Country start with Aboriginal stakeholders. This process commenced on 30 May 2023 with a Walk on Country followed soon after by a stakeholder workshop on 2 June 2023.

Table 2-1 below includes the details of Aboriginal stakeholder engagement on the UDLP.

Table 2-2 includes a summary of the issues raised and how those were addressed. Full evidence of correspondence is in Appendix 1 of this report.

Further phone and email discussions about the project have occurred with Aboriginal stakeholders since the UDLP was prepared. Workshops were held on 17 August and 7 September 2023 where topics like the latest artist's impression for the AWRC, vegetation removal reuse and the use of collected seeds, the interaction and connection of the AWRC site with neighbouring properties, the latest landscaping plans and opportunities for further Aboriginal participation were discussed. A summary of issues raised is provided in Table 2-2. Detailed minutes are not in the appendices for privacy and cultural safety reasons.

Engagement activities will continue as part of the current review of urban, landscaping and riparian planting designs and the upcoming Green Space master planning process.

**Table 2-1 Engagement log – Aboriginal stakeholders**

| # | Date       | Correspondence                                    |                                                                                                                                                                                                                                                                                                                                                                        | From             | Recipient                                                                                                                                                                                                                                                 |
|---|------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |            | Form/Type                                         | Purpose                                                                                                                                                                                                                                                                                                                                                                |                  |                                                                                                                                                                                                                                                           |
| 1 | 30-05-2023 | Walk on Country                                   | To invite Aboriginal stakeholders to express local values, interests, aspirations and connection to Country, to inform the design and delivery of the AWRC                                                                                                                                                                                                             | USC project team | Representatives from Dharug Traditional Custodians and knowledge holders including the Darug Custodian Aboriginal Corporation and Dharug Strategic Management Group<br>Representatives from several of the project's Registered Aboriginal Parties (RAPs) |
| 2 | 02-06-2023 | Stakeholder workshop with Aboriginal stakeholders | To invite Aboriginal stakeholders to express local values, interests, aspirations and connection to Country, to inform the design and delivery of the AWRC (including discussions about the operational area, landscaping and Green Space elements of the site)                                                                                                        | USC project team | Representatives from Dharug Traditional Custodians and knowledge holders including the Darug Custodian Aboriginal Corporation and Dharug Strategic Management Group<br>Representatives from several of the project's RAPs                                 |
| 3 | 29-06-2023 | Email with link to the UDLP                       | Encourage stakeholders to read the community newsletter and review the UDLP online                                                                                                                                                                                                                                                                                     | USC project team | All Aboriginal stakeholders on the project email list including the EOI group outlined above, RAPs, Deerubbin LALC, Gandangara LALC and Tharawal LALC                                                                                                     |
| 4 | 17-08-2023 | Stakeholder workshop with Aboriginal stakeholders | To invite Aboriginal stakeholders to provide feedback on the Aboriginal Participation Plan and Community and Stakeholder Engagement Plan                                                                                                                                                                                                                               | USC project team | Representatives from Dharug Traditional Custodians and knowledge holders including the Darug Custodian Aboriginal Corporation and Dharug Strategic Management Group<br>Representatives from several of the project's RAPs                                 |
| 5 | 07-09-2023 | Stakeholder workshop with Traditional Custodians  | To provide an update on Sydney Water's projects in the Aerotropolis, respond to feedback on Aboriginal cultural heritage and cultural values mapping, explain the project's unexpected finds procedure, discuss AWRC vegetation removal and seed collection opportunities, review the operational site landscaping plan and develop heritage awareness training slides | USC project team | Dharug Traditional Custodians                                                                                                                                                                                                                             |

Table 2-2 below summarises the consultation comments received from Aboriginal stakeholders.

**Table 2-2 Summary of issues – Aboriginal stakeholders**

| Topic                                                         | Comment Raised                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Date Raised | How Addressed / Justification Why Not Addressed                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vegetation removal, waterway management and Green Space ideas | <ul style="list-style-type: none"> <li>We want to talk about things that haven't already been decided – we want to focus on the waterways and the Green Space rather what Sydney Water has already decided to do with permanent buildings in the treatment plant area</li> <li>Older trees are important for the growth of new trees</li> <li>Remove the dams so that natural water flow is restored between creeks and the billabong</li> <li>What you do here on this land needs to be done together with other properties nearby and along the waterway – opportunity to partner with other landholders</li> <li>Protect both flora and fauna – different trees like different soil types or positions – same with the birds and animals, they don't all live in the same type of vegetation</li> <li>The Green Space is critical for encouraging and protecting native birds and animals – keep it natural, preserve what you have</li> <li>The billabong is an important place for animals and birds to hunt and drink</li> <li>The seasons and weather are important for plants and seeds – cultural burning should be considered for ongoing land management</li> <li>Some interpretation and education about the restored vegetation areas in the future would be good</li> </ul> | 30-05-2023  | <ul style="list-style-type: none"> <li>Although much of this feedback relates to the Green Space area, the aspirations are echoed in the urban design and landscaping principles in the UDLP including in Sections 8.3 and 11.1.</li> <li>The issues raised will be a key consideration of the master planning process for the Green Space area.</li> </ul>                                                |
| Cultural values mapping                                       | <ul style="list-style-type: none"> <li>Will Sydney Water continue the Cultural Values Mapping work?</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 02-06-2023  | <ul style="list-style-type: none"> <li>This discussion was not about the UDLP.</li> <li>Sydney Water is committed to undertaking further cultural values mapping however it will be a different process to what was started in 2021.</li> </ul>                                                                                                                                                            |
| Aboriginal Heritage Investigations                            | <ul style="list-style-type: none"> <li>Why was the area in the green space salvaged?</li> <li>Request for a map to identify areas that have been investigated/salvaged across the site.</li> <li>Is there opportunity to put salvaged artefacts back on Country?</li> <li>What was the salvage methodology, bulking or layers?</li> <li>Request to review a copy of the Heritage Report.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 02-06-2023  | <ul style="list-style-type: none"> <li>Sydney Water is preparing a summary of the Aboriginal cultural heritage salvage methodology and site map to share with stakeholders at an upcoming workshop about the Green Space.</li> <li>There is a process in place for Aboriginal stakeholders to decide what happens to salvaged artefacts.</li> <li>The Heritage Report will be shared with RAPs.</li> </ul> |
| Significant flora                                             | <ul style="list-style-type: none"> <li>Noted a potential scar tree on the side of the access road as driving past during walk on Country.</li> <li>Questioned the point of bunting the significant ecological communities (i.e. paperbark trees) for slashing if they are being removed for the construction of the AWRC centre.</li> <li>Is there opportunity to relocate the paper bark trees on site, if they can't be retained? Potential relocation site at Salvage pit.</li> <li>If they can't be relocated can the tree material be reused on site (i.e. habitat for fauna).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 02-06-2023  | <ul style="list-style-type: none"> <li>The large stand of paperbark trees will be cleared as they are within the future operational facility. Three other trees that were to be removed will now be preserved.</li> <li>Traditional Custodians have been invited to advise on the reuse of removed vegetation and seeds. This is addressed in Sections 8.3 and 10.5 of the UDLP.</li> </ul>                |
| Water Management                                              | <ul style="list-style-type: none"> <li>Questions and concerns regarding the impact of pumping water into the Nepean River.</li> <li>Questions around the intentions for water reuse and recycling in the Aerotropolis and how will this be implemented?</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 02-06-2023  | <ul style="list-style-type: none"> <li>This discussion was not directly about the UDLP.</li> <li>Information about the amount, quality and benefit of releasing treated water</li> </ul>                                                                                                                                                                                                                   |

| Topic                               | Comment Raised                                                                                                                                                                                                                                                                                                                                           | Date Raised | How Addressed / Justification Why Not Addressed                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |                                                                                                                                                                                                                                                                                                                                                          |             | <p>into the Nepean River was shared with the group.</p> <ul style="list-style-type: none"> <li>A senior manager from Sydney Water's Aerotropolis team will attend the next workshop to provide an update on all projects.</li> </ul>                                                                                                                                                                                          |
| Connecting with neighbours          | <ul style="list-style-type: none"> <li>Can the billabongs be returned to their natural state with the removal of the dam wall in the middle?</li> <li>Can the dam at the top end of Kemps Creek be removed to allow natural water flow?</li> <li>Opportunity to have connected walking/cycling paths in/out of the site to surrounding areas.</li> </ul> | 02-06-2023  | <ul style="list-style-type: none"> <li>This is addressed in Sections 8.3 and 11.1 of the UDLP.</li> <li>The project team is investigating these water management suggestions and will liaise further with Aboriginal stakeholders and neighbouring property owners.</li> <li>Improving connectivity will be considered in the Green Space master planning.</li> </ul>                                                         |
| Caring for Country/ land management | <ul style="list-style-type: none"> <li>Opportunity for a cultural burn to support clearing of overgrowth and non-native plant species on the site.</li> <li>Questions around relocation of animals (e.g. red belly black snake) and provision of habitat during construction.</li> </ul>                                                                 | 02-06-2023  | <ul style="list-style-type: none"> <li>This is addressed in Section 14 of the UDLP. Sydney Water has committed to working with stakeholders to determine the suitability of cultural burn practices within part of the Green Space.</li> <li>Procedures are in place for the safe relocation of snakes and other fauna during construction.</li> </ul>                                                                        |
| Purpose of green space              | <ul style="list-style-type: none"> <li>Questions regarding the purpose of the green space.</li> <li>Noted opportunity for potential cultural space.</li> </ul>                                                                                                                                                                                           | 02-06-2023  | <ul style="list-style-type: none"> <li>Section 6.4 of the UDLP identifies the process for the potential future development of the Green Space.</li> <li>Several opportunities were identified including an emphasis on Caring for Country and integrated cultural heritage and interpretation across the site.</li> </ul>                                                                                                     |
| Dark Sky                            | <ul style="list-style-type: none"> <li>Noted the site currently has good access to dark sky Country and it would be good to retain this.</li> </ul>                                                                                                                                                                                                      | 02-06-2023  | <ul style="list-style-type: none"> <li>This is addressed in Sections 7.1, 13 and 14 of the UDLP. Sydney Water will minimise light spill however there will be additional light in the area due to the operation of the new airport, M12, Sydney Metro and new industrial buildings nearby.</li> </ul>                                                                                                                         |
| Language                            | <ul style="list-style-type: none"> <li>Noted design team queries around use of language and pointed out that there is already the opportunity to use the word 'Wianamatta' instead of South Creek.</li> </ul>                                                                                                                                            | 02-06-2023  | <ul style="list-style-type: none"> <li>This is addressed in Section 14 of the UDLP. Sydney Water endeavours to reference 'Wianamatta South Creek', however the working name of the project is presently 'Upper South Creek Advanced Water Recycling Centre (USC AWRC)'.</li> <li>Sydney Water will engage Traditional Custodians on the name of the site, which would then likely change the project name as well.</li> </ul> |
| Wildlife protection                 | <ul style="list-style-type: none"> <li>Interest in how wildlife is protected in preparation for and during construction of the operational facility.</li> </ul>                                                                                                                                                                                          | 17-08-2023  | <ul style="list-style-type: none"> <li>This was not related directly to the UDLP. The team explained in the workshop the process for pre-construction checks for</li> </ul>                                                                                                                                                                                                                                                   |

| Topic                            | Comment Raised                                                                                                                                                                                                                                                                                                                                                                                                                             | Date Raised | How Addressed / Justification Why Not Addressed                                                                                                                                                                                                                                                               |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                            |             | wildlife within vegetation that is to be cleared and the procedure for when an animal or bird is found in an active work zone.                                                                                                                                                                                |
| Consultation                     | <ul style="list-style-type: none"> <li>Acknowledgement of the latest artist's impression for the AWRC.</li> <li>Interest in the Green Space master planning consultation.</li> </ul>                                                                                                                                                                                                                                                       | 17-08-2023  | <ul style="list-style-type: none"> <li>This is addressed in Section 14 of the UDLP.</li> </ul>                                                                                                                                                                                                                |
| Reuse of plant materials         | <ul style="list-style-type: none"> <li>Request to learn more about how suitable parts of the cleared vegetation and collected seeds will be used.</li> </ul>                                                                                                                                                                                                                                                                               | 17-08-2023  | <ul style="list-style-type: none"> <li>Section 10.5 of the UDLP addresses this topic.</li> <li>Traditional Custodians have since been invited to visit a work site to observe and learn about vegetation removal and seed collection.</li> </ul>                                                              |
| Connecting with neighbours       | <ul style="list-style-type: none"> <li>More understanding of how Sydney Water's site interfaces with neighbouring properties - interest in land/water improvements occurring across these properties.</li> </ul>                                                                                                                                                                                                                           | 17-08-2023  | <ul style="list-style-type: none"> <li>Sections 6.3 and 6.4 of the UDLP refer to improvement opportunities along the creek and in properties adjacent to the site. This will be further investigated as part of the Green Space master planning process.</li> </ul>                                           |
| Tree removal and seed collection | <ul style="list-style-type: none"> <li>Traditional Custodian's (TC) expressed interest in being notified about future opportunities to be more involved.</li> <li>Interest in material recovery of felling to salvage the waste material for traditional tool making and natural, native environmental rehabilitation.</li> <li>TC's raised the issue of mating seasons and removal/relocations of animals when clearing sites.</li> </ul> | 07-09-2023  | <ul style="list-style-type: none"> <li>These comments mostly relate to the current construction work underway for the AWRC operational area and are being responded to directly with TCs, as outlined above.</li> <li>This feedback will be considered as part of the Green Space master planning.</li> </ul> |
| Landscaping                      | <ul style="list-style-type: none"> <li>Suggestion to only use native grasses in the landscaping – noted these can be managed through cultural burns unlike species of non-natives.</li> </ul>                                                                                                                                                                                                                                              | 07-09-2023  | <ul style="list-style-type: none"> <li>Section 10.5 of the UDLP addresses this topic.</li> <li>This feedback will also be considered as part of the Green Space master planning.</li> </ul>                                                                                                                   |
| Fencing                          | <ul style="list-style-type: none"> <li>TC concerns with barbed wire fencing around site boundary – suggestion to use rolling bins or palisade to mitigate harm to local fauna.</li> </ul>                                                                                                                                                                                                                                                  | 07-09-2023  | <ul style="list-style-type: none"> <li>Sydney Water is considering this feedback and will address directly with Traditional Custodians.</li> </ul>                                                                                                                                                            |
| Importation of fill              | <ul style="list-style-type: none"> <li>Questions raised re the grading and lifting of the ground. Noted preference for infill to be from site or from Dharug Country.</li> </ul>                                                                                                                                                                                                                                                           | 07-09-2023  | <ul style="list-style-type: none"> <li>This feedback has been noted and will be addressed by the project team with Traditional Custodians.</li> </ul>                                                                                                                                                         |
| Riparian corridor planting       | <ul style="list-style-type: none"> <li>TC's expressed concern with the proposed scraping back of soil to remove weeds around the creek banks for perceived "beautification" purposes. Unnecessary disruption to Country and the destruction of artefacts was flagged. Strong preference to explore other techniques.</li> </ul>                                                                                                            | 07-09-2023  | <ul style="list-style-type: none"> <li>Section 11.1 of the UDLP addresses this topic.</li> <li>Further discussions will be held with TCs about the riparian restoration and planting.</li> </ul>                                                                                                              |

## 2.3 Community

Engagement with the wider community has included the promotion of and participation in a drop-in community information session, a newsletter drop with artist's impression and invitation to review the UDLP, an email about the UDLP to over 600 people and information on Sydney Water's project website (Sydney Water Talk). Follow up phone calls and doorknocking visits were made to landowners near the AWRC site. These are addressed in Section 2.6 below.

The newsletter was dropped to approximately 500 properties within the blue boundary in Figure 1 below. The distribution area includes properties within a minimum 1 km radius from the edge of Sydney Water's AWRC site as well as properties impacted by visual amenity changes, construction noise and traffic. The area includes the Twin Creeks Estate in Luddenham and rural residential properties off Clifton Avenue and Mamre Road.

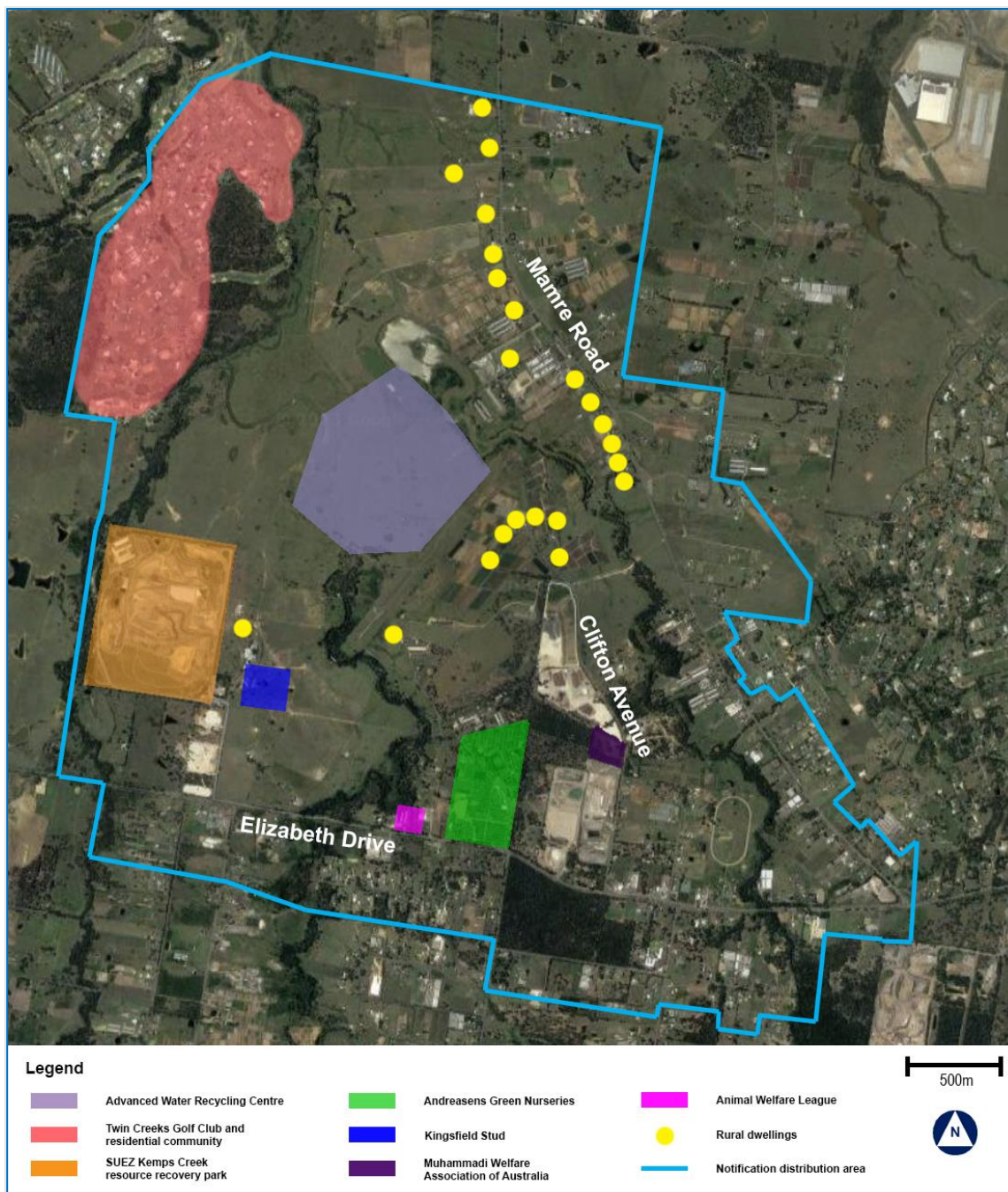


**Figure 1 – Newsletter distribution area**

Community engagement commenced during the preparation and exhibition of the EIS. Further opportunities to learn about the urban design and landscaping approach for the AWRC occurred from 23 June 2023, although a community information session held on 6 May 2023 was an avenue to meet with the project team, view concept plans and ask questions about any aspect of the project.

Table 2-3 below includes the details of consultation with the community on the UDLP.

There was limited feedback about urban design and landscaping during the information session and in response to the newsletter drop, email and information provided online. The UDLP continues to be available on Sydney Water Talk for viewing.

Table 2-4 includes a summary of the issues raised and how those were addressed and closed out. Full evidence of correspondence is in Appendix 2 of this report.

Feedback from nearby landowners is addressed in Section 2.6 below.

Table 2-3 Engagement log – Community

| # | Date                                                                  | Correspondence                                                   |                                                                                                                                              | From             | Recipient                                                                                                                                                                                                                                                                                                                                                                                                          |
|---|-----------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                                                                       | Form/Type                                                        | Purpose                                                                                                                                      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1 | 23-06-2023                                                            | Sydney Water Talk website                                        | Display an artist's impression of the AWRC and invite people to review and provide feedback on the UDLP                                      | USC project team | Interested stakeholders visiting, or invited to visit, the project website                                                                                                                                                                                                                                                                                                                                         |
| 2 | 28-06-2023                                                            | Community newsletter                                             | Provide an artist's impression of the AWRC, describe the facility and invite people to review the UDLP online                                | USC project team | Community within Figure 1 above and the project email list                                                                                                                                                                                                                                                                                                                                                         |
| 3 | 29-06-2023                                                            | Email with link to the UDLP                                      | Encourage people to read the community newsletter including link to the UDLP online                                                          | USC project team | Project email list (over 600 people)                                                                                                                                                                                                                                                                                                                                                                               |
| 4 | Several sessions including:<br>06-05-2023<br>20-08-2022<br>09-04-2022 | Drop-in community information session in Bringelly on 06-05-2023 | Opportunity for people to meet the project team, view concept plans and maps and ask questions about any aspect about the AWRC and Pipelines | USC project team | Community members who attended the 'whole of government' information session hosted by Sydney Water, which was promoted via Community Commissioner CCC meetings, Sydney Water and other agency websites, councils' websites, Sydney Water's social media platforms and direct letter drop 5,150 to USC affected properties and email to over 500 homes and businesses near the AWRC and along the pipeline routes. |

Table 2-4 below summarises the consultation comments received from the Community.

Table 2-4 Summary of issues – Community

| Topic                                             | Comment Raised                                                                                                                                                                                                                                                                                                                 | Date Raised | How Addressed / Justification Why Not Addressed                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wastewater servicing<br><br>Location of pipelines | Discussion and questions from several landowners about the timing of reticulated water and wastewater servicing for the Aerotropolis and Mamre Road precincts, the timing for recycled water availability and the location and construction of pipelines through private properties.                                           | 06-05-2023  | <ul style="list-style-type: none"> <li>Unrelated to the UDLP.</li> <li>Information about the timing and location of new infrastructure was provided.</li> </ul>                                                                                                                                                                                                                                               |
| Odour management                                  | Resident received the AWRC community newsletter and called to enquire about odour control at the facility, what each of the structures are that are shown in the Artist's impression and how large an area the solar panels cover. Resident concerned that the odour from the plant would affect nearby homes and agriculture. | 29-06-2023  | <ul style="list-style-type: none"> <li>The project team advised that all significant odour sources at the AWRC are enclosed. The project team provided a labelled artist's impression and advised that the solar panels will cover approximately 40,000 square metres of the site. The resident did not respond to the project team's email.</li> <li>Section 11 of the UDLP addresses structures.</li> </ul> |
| Project location<br><br>Construction timing       | Resident received the AWRC community newsletter via email and called to ask where exactly the plant would be built. Resident also enquired when construction would start.                                                                                                                                                      | 30-06-2023  | <ul style="list-style-type: none"> <li>Information about the location and layout of the AWRC is available throughout the UDLP with maps in the Executive</li> </ul>                                                                                                                                                                                                                                           |

| Topic        | Comment Raised                                                                                                                                                                                                                                                                                                                                                                                   | Date Raised      | How Addressed / Justification Why Not Addressed                                                                                                                                                                                                            |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                                                                                                                                                                                                                                                                                                                                                                                                  |                  | Summary and Sections 6.1, 6.2 and 11.<br><ul style="list-style-type: none"> <li>The project team provided a map showing the location of the AWRC and construction timing information. The resident did not respond to the project team's email.</li> </ul> |
| Consultation | 35 people visited the UDLP News Story on Sydney Water Talk since it was published on 23 June 2023 (which compares to 53 people viewing the October 2021 story about the EIS exhibition and the most popular story [141 people] about the start of construction on 31 July 2023).<br><br>The month the UDLP was published was the busiest for the website, with 5775 page views and 810 visitors. | Since 23-06-2023 | N/A                                                                                                                                                                                                                                                        |

## 2.4 Department of Planning and Environment

Consultation about the UDLP with DPE (initially in relation to Updated Management Measure UD02) commenced on 8 June 2023.

Table 2-5 below includes the details of engagement with DPE about the UDLP. There has been no formal feedback from DPE so far in relation to UD02. Opportunities for further involvement will occur during the master planning process for the Green Space area.

Table 2-6 includes a summary of the issues raised and how those were addressed and closed out. Full evidence of correspondence is in Appendix 3 of this report.

**Table 2-5 Engagement log – Department of Planning and Environment**

| # | Date       | Correspondence |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | From              | Recipient        |
|---|------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
|   |            | Form/Type      | Purpose                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                  |
| 1 | 08-06-2023 | Email          | Consult and offer a meeting on the alignment of the project with the NSW Government's vision for the green spine along Wianamatta-South Creek                                                                                                                                                                                                                                                                                                                                     | Michael Robertson | Details redacted |
| 2 | 13-06-2023 | Email          | Consult on the alignment of the project with the NSW Government's vision for the green spine along Wianamatta-South Creek and invite attendance at a stakeholder workshop about the AWRC                                                                                                                                                                                                                                                                                          | Michael Robertson | Details redacted |
| 3 | 20-06-2023 | Workshop       | Present and discuss: <ul style="list-style-type: none"> <li>Project overview</li> <li>The latest urban design for the operational site, the whole AWRC site layout, visual impacts, odour management, water quality, traffic management and aviation considerations</li> <li>Construction approach, coordination with other nearby project teams, timing and traffic management</li> <li>Next steps for ongoing discussions about the future use and management of the</li> </ul> | USC project team  | Details redacted |

| # | Date       | Correspondence |                                                                                                                                                  | From              | Recipient        |
|---|------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
|   |            | Form/Type      | Purpose                                                                                                                                          |                   |                  |
|   |            |                | Green Space within Sydney Water's site                                                                                                           |                   |                  |
| 4 | 10-07-2023 | Email          | Distribute meeting notes, slide deck and latest artist's impression of the AWRC site and request any follow up questions                         | Michael Robertson | Details redacted |
| 5 | 14-08-2023 | Email          | Follow up on any feedback relating to alignment of the project with the NSW Government's vision for the green spine along Wianamatta-South Creek | Michael Robertson | Details redacted |

Table 2-6 below summarises the consultation comments received from DPE.

**Table 2-6 Summary of issues – Department of Planning and Environment**

| Topic         | Comment Raised                                                                                                                                                            | Date Raised                            | How Addressed / Justification Why Not Addressed                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Water quality | Nathan Heath noted that tertiary water quality being the minimum level of water quality being released to Wianamatta-South Creek in any scenario would be a good outcome. | 20-06-2023                             | Noted                                                                                                                                                                           |
| Consultation  | None                                                                                                                                                                      | 08-06-2023<br>13-06-2023<br>14-08-2023 | No feedback has been received so far in relation to emails about the alignment of the project with the NSW Government's vision for the green spine along Wianamatta-South Creek |

## 2.5 Government Agencies and City of Penrith Council

Consultation with the following organisation began via email on 13 June 2023, followed by a workshop on 20 June 2023:

- City of Penrith Council
- Transport for NSW
- Department of Planning and Environment
- NSW Environment Protection Authority
- Western Sydney Airport Corporation
- Civil Aviation Safety Authority
- Air Services Australia

A progress workshop with a wider group of government stakeholders was held on 20 October 2023. A summary of relevant feedback is provided in Table 2-8. The presentation material and meeting notes are in Appendix 4.

Table 2-7 below includes the details of engagement between the USC team and relevant council and government agencies regarding the UDLP. Table 2-8 includes a summary of the issues raised, how those were addressed and closed out. Full evidence of correspondence with relevant councils is provided in Appendix 4.

**Table 2-7 Engagement log – City of Penrith and Government Agencies**

| # | Date       | Correspondence |                                                       | From              | Recipient        |
|---|------------|----------------|-------------------------------------------------------|-------------------|------------------|
|   |            | Form/Type      | Purpose                                               |                   |                  |
| 1 | 13-06-2023 | Email          | Invite stakeholders to a workshop about the AWRC site | Michael Robertson | Details redacted |

| # | Date                                   | Correspondence              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | From              | Recipient                                                                                                                                                                                                                                                                                                    |
|---|----------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                                        | Form/Type                   | Purpose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                                                                                                                                                                                                                                                                                              |
| 2 | 20-06-2023                             | Workshop                    | <p>Present and discuss:</p> <ul style="list-style-type: none"> <li>Project overview</li> <li>The latest urban design for the operational site, the whole AWRC site layout, visual impacts, odour management, water quality, traffic management and aviation considerations</li> <li>Construction approach, coordination with other nearby project teams, timing and traffic management</li> <li>Next steps for ongoing discussions about the future use and management of the Green Space within Sydney Water's site</li> </ul> | USC project team  | Details redacted                                                                                                                                                                                                                                                                                             |
| 3 | 29-06-2023                             | Email with link to the UDLP | Encourage people to read the community newsletter including link to the UDLP online                                                                                                                                                                                                                                                                                                                                                                                                                                             | USC project team  | Project email list (over 600 people) including City of Penrith Council, Transport for NSW, WSA Co, CASA, Air Services Australia and the NSW EPA                                                                                                                                                              |
| 4 | 10-07-2023                             | Email                       | Distribute meeting notes, slide deck and latest artist's impression of the AWRC site and request any follow up questions                                                                                                                                                                                                                                                                                                                                                                                                        | Michael Robertson | Details redacted                                                                                                                                                                                                                                                                                             |
| 5 | 08-08-2023                             | Email                       | Send follow up email including artist's impression and animated flyover of the AWRC to encourage feedback on the UDLP                                                                                                                                                                                                                                                                                                                                                                                                           | Michael Robertson | Details redacted                                                                                                                                                                                                                                                                                             |
| 6 | 26-09-2023<br>06-10-2023<br>09-11-2023 | Emails                      | Emails with the City of Penrith Council about their feedback on the UDLP                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Michael Robertson | Details redacted                                                                                                                                                                                                                                                                                             |
| 7 | 03-10-2023<br>06-10-2023               | Emails                      | Correspondence addressing WSA Co's feedback                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Michael Robertson | Details redacted                                                                                                                                                                                                                                                                                             |
| 8 | 20-10-2023                             | Workshop                    | <p>Present and discuss:</p> <ul style="list-style-type: none"> <li>Project overview</li> <li>Urban design and landscape update</li> <li>Wildlife management</li> <li>Bushfire risk management</li> <li>Glare and lighting management</li> <li>Green Space master planning</li> <li>Aboriginal stakeholder engagement and site naming approach</li> <li>Construction update</li> </ul>                                                                                                                                           | USC project team  | <p>Representatives from:</p> <ul style="list-style-type: none"> <li>Department of Planning</li> <li>Transport for NSW</li> <li>Western Sydney Airport Co</li> <li>Penrith City Council</li> <li>Fire &amp; Rescue NSW</li> <li>Western Parklands City Authority</li> <li>Greater Sydney Parklands</li> </ul> |

Table 2-8 below summarises the consultation comments received from City of Penrith and government agencies.

**Table 2-8 Summary of issues – City of Penrith and Government Agencies**

| Topic                                                                       | Comment Raised                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Date Raised                  | How Addressed / Justification Why Not Addressed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Traffic                                                                     | <b>City of Penrith</b><br>Discussion in stakeholder workshop about traffic associated with construction of the AWRC and opportunities to reduce impacts on road users and nearby residents.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20-06-2023                   | Unrelated to the UDLP. City of Penrith has been consulted on the traffic management plans for the project.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Green Space                                                                 | <b>City of Penrith</b><br>Request to include Danielle Adams-Bennett from City of Penrith Council in future discussions about the master planning for the Green Space area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20-06-2023                   | Sydney Water and John Holland will involve Danielle Adams-Bennett in the master planning process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Wildlife Hazard Management Plan<br>Landscape Management Plan<br>Green Space | <b>Western Sydney Airport Co</b><br><b>Feedback:</b> WSA Co would like further consultation in relation to the development of the Wildlife Hazard Management Plan and Landscape Management Plan and welcome the opportunity to be involved in the Green Space master planning process<br><br><b>Response:</b> The project team will consult with WSA Co in relation to development of the Wildlife Management Plan (WMP) and Landscape Management Plan (LMP). The initial draft of the LMP has been prepared and we plan on consulting relevant stakeholders in the coming months.<br><br>We are planning a stakeholder workshop soon to discuss the latest design plans for the AWRC urban design and landscaping. We will contact you soon with a proposed date. Please also note that Sydney Water and our project team will involve WSA Co in the Green Space master planning process over the coming months. | 22-08-2023<br><br>03-10-2023 | The USC project team will consult with WSA Co in relation to development of the Wildlife Management Plan (WMP) and Landscape Management Plan (LMP). The LMP is in initial draft and the project would be looking to consult in the near future, however, in accordance with approval condition E130 the WMP is not required until commencement of operations of the plant which is scheduled for late 2025. As such, this plan is yet to substantially progressed.<br><br>WSA Co will be involved in the Green Space master planning process over the coming months. |
| Wildlife Hazard Management Plan<br>Solar farm                               | <b>Western Sydney Airport Co</b><br>Thank you for the opportunity to review and provide input into the Aviation Risk Assessment. WSA have no further comments on the Aviation Risk Assessment but look forward to further engagement on the Wildlife Hazard Management Plan, wildlife deterrent technologies and glare hazard assessment for the solar farm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 06-10-2023                   | The USC project team will consult with WSA Co in relation to development of the Wildlife Management Plan (WMP) and Landscape Management Plan (LMP).                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |                                                                                                                                                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cumberland Plain Recovery Plan                      | <b>City of Penrith</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                                                                                                                                                                                                    |
| Cumberland Plain Woodland                           | <ul style="list-style-type: none"> <li>1. Section 8.2 refers to Draft Cumberland Plain Conservation Plan this should be updated to Cumberland Plain Conservation Plan 2022 as this was approved and gazetted last year.</li> <li>2. On page 50 under the heading 'Cumberland Plain Woodland' in the third dot point it mentions a species <i>Lespedeza cuneata</i>. According the PlantNet this is not a known species and could therefore be a typo. There is a <i>Lespedeza juncea</i> and <i>Lespedeza juncea</i> subsp. <i>sericea</i>.</li> <li>3. On page 50 the sentence before the dot points reads 'The Cumberland Plain Woodland has been listed by the Australian and NSW Governments as a critically endangered ecological community with numerous threatened species:' it then lists the characteristic species of each stratum of the community but by the way the sentence reads it gives the impression that the listed species are threatened species. It should be reworded to stat 'The Cumberland Plain Woodland has been listed by the Australian and NSW Governments as a critically endangered ecological community. The community is characterised by:'</li> <li>4. On page 50 the first dot point should then be changed from 'The Cumberland Plain Woodland is dominated by Grey Box...' to 'Canopy species are dominated by Grey Box....'</li> <li>5. On page 50 the third point refers to <i>Themeda australis</i> but this species is now <i>Themeda triandra</i>.</li> </ul> | 06-10-2023                             | These comments have been addressed in the UDLP (Sections 8.2 and 9). A copy of the response to the City of Penrith is in Appendix 4 ('Copy of emails encouraging feedback on the workshop notes and UDLP').        |
| Consultation                                        | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 29-06-2023<br>10-07-2023<br>08-08-2023 | No specific feedback (beyond any discussions listed in the 20 June and 20 October workshops) has been received so far from the Transport for NSW, NSW EPA, CASA or Air Services Australia in relation to the UDLP. |
| Coordination Landscaping                            | <b>Transport for NSW</b><br>Interest in coordinating with Sydney Water on landscaping approach and maximising benefits from two major projects next to each other.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20-10-2023                             | Section 14 of the UDLP.<br>Further coordination and consultation will occur with stakeholders, particularly in relation to the Green Space.                                                                        |
| Gas flare<br>Lighting<br>Solar panels<br>Fire trail | <b>Transport for NSW, Western Sydney Airport Co, Airservices Australia, Fire &amp; Rescue NSW</b><br>Discussion about the need to reduce and manage adverse glare and lighting for pilots, manage the glare from the gas flare and coordinate further on bushfire management.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20-10-2023                             | Glare and lighting management and mitigations were explained in the workshop.<br>Further discussions will be held with NSW Rural Fire Service, Fire & Rescue NSW and Airservices Australia.                        |
| Landscaping<br>Green Space<br>Coordination          | <b>Western Sydney Airport Co</b><br>Support for the landscaping approach, particularly the opportunities within the Green Space, but in the context of being located near an airport. Offer to coordinate with Sydney Water to maximise benefits across the Aerotropolis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20-10-2023                             | Section 14 of the UDLP.<br>Further coordination and consultation will occur with stakeholders, particularly in relation to the Green Space.                                                                        |
| Green Space                                         | <b>Transport for NSW and Greater Sydney Parklands</b><br>Interest in coordinating further on the Green Space particularly in relation to connectivity, heritage interpretation and long-term use and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20-10-2023                             | Section 14 of the UDLP.<br>Further stakeholder engagement will occur during the Green Space master planning.                                                                                                       |

|  |                                                 |  |  |
|--|-------------------------------------------------|--|--|
|  | management of open spaces nearby to each other. |  |  |
|--|-------------------------------------------------|--|--|

## 2.6 Landowners Nearby

Consultation with the University of Sydney, BHL and Mirvac as large landowners or developers nearby the AWRC started on 29 June 2023. Initial engagement with rural residential and commercial landowners nearby is addressed by Section 2.3 above. Table 2-9 below includes the details of engagement with landowners or developers, including follow up phone calls to nearby rural residential and commercial landowners, regarding the UDLP. Full evidence of correspondence with relevant councils is provided in Appendix 5.

**Table 2-9 Engagement log – Landowners nearby**

| # | Date       | Correspondence                                                  |                                                                                                                                                                                                                                                                                                                                                                                             | From                                     | Recipient                                                                                                                                                                        |
|---|------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |            | Form/Type                                                       | Purpose                                                                                                                                                                                                                                                                                                                                                                                     |                                          |                                                                                                                                                                                  |
| 1 | 29-06-2023 | Email with link to the UDLP                                     | Encourage people to read the community newsletter including link to the UDLP online                                                                                                                                                                                                                                                                                                         | USC project team                         | Project email list (over 600 people) including the University of Sydney, BHL, Mirvac, City of Penrith and other nearby landowners on the email list                              |
| 2 | 09-08-2023 | Email                                                           | Follow up email including artist's impression and animated flyover of the AWRC to encourage feedback on the UDLP                                                                                                                                                                                                                                                                            | Michael Robertson                        | Details redacted                                                                                                                                                                 |
| 3 | 18-08-2023 | Email                                                           | Reminder email to ask for any feedback on the UDLP or artist's impressions<br><br>Offer to discuss the next level of draft designs for urban design and landscaping                                                                                                                                                                                                                         | Michael Robertson                        | Details redacted                                                                                                                                                                 |
| 4 | 18-08-2023 | Phone calls with close neighbours using available phone numbers | Check if any concerns or questions with the artist's impressions seen in the June community newsletter or the information in the UDLP online<br><br>Offer to meet and discuss the next level of draft designs for urban design and landscaping                                                                                                                                              | Michael Robertson                        | Several rural residential / business properties adjacent the AWRC                                                                                                                |
| 5 | 06-10-2023 | Doorknocking homes and businesses                               | Members of the John Holland project team arranged meetings with nearby homes and businesses where contact details were available (and knocked on doors where they weren't available). The purpose was to introduce the construction team, show the Stage 1 and Stage 2 AWRC artist's impressions and respond to any questions about the design, construction and operation of the facility. | Michael Robertson<br><br>Sheila Maidment | <ul style="list-style-type: none"> <li>Doorknock of parts of Clifton Avenue and Mamre Road that back on to the AWRC site (refer to the yellow dots in Figure 1 above)</li> </ul> |
| 6 | 09-10-2023 | Meeting with University of Sydney                               | A meeting was held to follow up on the University's UDLP feedback and show the latest urban design and landscaping plans. Details are in Appendix 5. The discussions related to:                                                                                                                                                                                                            | USC project team<br><br>Sydney Water     | <ul style="list-style-type: none"> <li>Development Director, University of Sydney</li> <li>Assistant Development Manager, University of Sydney</li> </ul>                        |

|   |            |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                  |
|---|------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
|   |            |                          | <ul style="list-style-type: none"> <li>An artist's impression of the Stage 1 Advanced Water Recycling Centre operational area</li> <li>Interface between Sydney Water land, the M12 and University of Sydney</li> <li>An explanation of the fire trail, access road and site entrance</li> <li>Approach for restoring Wianamatta-South Creek</li> <li>Vegetation Management Plan approach</li> <li>Discussion on the Green Space master planning process</li> </ul> |                   |                  |
| 7 | 08-11-2023 | Reminder email to Mirvac | Reminder email to ask for any feedback on the UDLP                                                                                                                                                                                                                                                                                                                                                                                                                  | Michael Robertson | Details redacted |

Table 2-10 below summarises the consultation comments received from nearby landowners.

**Table 2-10 Summary of issues – Landowners nearby**

| Topic                                                                    | Comment Raised                                                                                                                                                                                                                                                                                                      | Date Raised              | How Addressed / Justification Why Not Addressed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Traffic                                                                  | Discussion about traffic associated with construction of the AWRC and opportunities to reduce impacts on road users and nearby residents                                                                                                                                                                            | 20-06-2023               | Unrelated to the UDLP. City of Penrith has been consulted on the traffic management plans for the project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Green Space                                                              | Request to include Danielle Adams-Bennett from City of Penrith Council in future discussions about the master planning for the Green Space area                                                                                                                                                                     | 20-06-2023               | Sydney Water and John Holland will involve Danielle Adams-Bennett in the master planning process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Interface with and connectivity between the AWRC site and land next door | The University of Sydney enquired about the AWRC access road as well as linkages between the University's land and Sydney Water's proposed creek restoration, future access and new tree plantings.                                                                                                                 | 14-08-2023               | <p>Access is referred to in Section 11.2 of the UDLP but will require further discussion between Sydney Water and the University of Sydney as designs develop. Related to this specific location is the landscaping that will interface with the M12 and operational area. Discussions Sydney Water, Transport for NSW and the University of Sydney will occur soon.</p> <p>The other comments related to the potential linkage to university land which is not part of the current project but were added to the UDLP to show that it could potentially occur.</p> <p>Engagement with the University in the coming weeks on the latest urban and landscaping designs, as well as engagement over the coming months on the Green Space masterplan, will address the issues raised.</p> |
| Consultation<br>Details of landscape designs                             | Several nearby landowners explained that, while they had seen either the community newsletter or project email, they didn't really have any questions or concerns at this stage but would be pleased to meet with members of the project team in the coming weeks to view the latest urban and landscaping designs. | 18-08-2023               | Noted. Meetings will be scheduled with nearby landowners.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Consultation                                                             | None                                                                                                                                                                                                                                                                                                                | 29-06-2023<br>09-08-2023 | No specific feedback has been received so far from Mirvac in relation to the UDLP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Topic                                                          | Comment Raised                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Date Raised | How Addressed / Justification Why Not Addressed                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18-08-2023  |                                                                                                                                                                                                                                                                                                                                                    |
| Consultation<br>Project timing<br>Details of landscape designs | BHL declined to comment on the UDLP but expressed interest in understanding the project timing and learning more about the riparian planting and landscaping.                                                                                                                                                                                                                                                                                                                            | 21-08-2023  | Noted. A meeting to discuss the latest design drawings will be scheduled with BHL (and separately with other nearby landowners).                                                                                                                                                                                                                   |
| No feedback                                                    | Resident was familiar with the project. Looked at the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet. Mentioned that most people along Mamre Road have sold or are waiting on offers from developers. No questions or concerns raised about the project.                                                                                                                                                               | 06-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                                                                                                                                                                                                  |
| Development<br>Wastewater connection                           | Resident was familiar with the project. Looked at the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet. Understands the facility will expand to meet demand. Expressed interested in the timing of wastewater connections for properties along Mamre Road. No questions or concerns raised about the AWRC project.                                                                                                       | 06-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                                                                                                                                                                                                  |
| No feedback                                                    | Resident viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet. Mentioned she cannot see the construction work due to the trees along Kemps Creek behind the property. No questions or concerns.                                                                                                                                                                                                                   | 06-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                                                                                                                                                                                                  |
| No feedback                                                    | Resident viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet. Resident explained that she cannot see or hear construction from her place but also said that Mamre Road can be very busy and noisy. No questions about the project.                                                                                                                                                                               | 06-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                                                                                                                                                                                                  |
| Project opposition<br>Development<br>Construction              | Residents viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility. Resident expressed his disappointment that a wastewater treatment plant was being built near his home. No specific questions or issues relating to the urban design and landscaping.                                                                                                                                                                                            | 06-10-2023  | No specific concerns or questions were raised about the AWRC urban design and landscaping.<br><br>The project team later confirmed that the crane is not located on the landowner's land, it is on Sydney Water's site for the AWRC.                                                                                                               |
| Green Space<br>Access road landscaping                         | Residents viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility. Michael provided some example viewpoint diagrams from the EIS, although noted the actual building shapes and locations may have changed since then. They did not have comments on the urban design and landscaping but were interested in the Green Space as well as the fencing and landscaping to be done soon by the Sydney Water contractor that delivered the access road. | 06-10-2023  | No specific concerns or questions were raised about the AWRC urban design and landscaping.<br><br>The project team members explained that the Green Space is being planned now. It could include things like walking paths and BBQ areas and be accessible to the public. The community will be informed about these plans over the coming months. |
| Green Space                                                    | Resident viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet. He explained that they had sold the business and would be relocating in 1-2 years. He asked what would be built in the Green Space.                                                                                                                                                                                                                | 06-10-2023  | No specific concerns or questions were raised about the AWRC urban design and landscaping.<br><br>The project team members explained that the Green Space is being planned now and that the community will be informed about these plans over the coming months.                                                                                   |
| No feedback                                                    | Resident viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact                                                                                                                                                                                                                                                                                                                                                           | 06-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                                                                                                                                                                                                  |

| Topic                                                                                                      | Comment Raised                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Date Raised | How Addressed / Justification Why Not Addressed                                                                                                                           |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                            | sheet. She was not interested in the project and did not want to receive project emails.                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                                                                                                                                                                           |
| No feedback                                                                                                | Residents viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet. No questions for now but they will discuss the information with their daughter.                                                                                                                                                                                                                                                                                                                 | 06-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                         |
| Construction                                                                                               | Resident acknowledged the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility. Asked that the project team do what it can to reduce construction dust and reduce sediment run off.                                                                                                                                                                                                                                                                                                                      | 06-10-2023  | The project team members explained the approach to dust and sediment management.<br><br>No concerns or questions were raised about the AWRC urban design and landscaping. |
| Wastewater connection                                                                                      | Resident viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet. Asked when wastewater services will be provided.                                                                                                                                                                                                                                                                                                                                                 | 06-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                         |
| Development<br>Construction fill                                                                           | Residents viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet.                                                                                                                                                                                                                                                                                                                                                                                                 | 06-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                         |
| No feedback                                                                                                | Worker viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet.                                                                                                                                                                                                                                                                                                                                                                                                    | 10-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                         |
| No feedback                                                                                                | Resident viewed the artist's impression images for the Stage 1 (2026) and Stage 2 (2035) AWRC facility and took a project fact sheet.                                                                                                                                                                                                                                                                                                                                                                                                  | 10-10-2023  | No concerns or questions were raised about the AWRC urban design and landscaping.                                                                                         |
| Vegetation and landscaping<br>Timing<br>Work proposed to be done on University land<br>Wildlife management | Representatives from the University were comfortable with the presentation material and asked the following questions: <ul style="list-style-type: none"> <li>What's the timeframe for the new vegetation?</li> <li>How does it all get documented and approved?</li> <li>Please show the work on Sydney Uni land as being indicative and subject to agreement with Sydney Uni.</li> <li>How did you manage wildlife?</li> <li>Any approvals needed for the revegetation along the creek? Flood impact has been considered?</li> </ul> | 09-10-2023  | The responses provided in the meeting are in Appendix 5.                                                                                                                  |

## Appendix 1 – Aboriginal Stakeholders – Evidence of consultation

Details redacted

Stakeholder email sent to the project email list (over 600 people) inviting people to view an artist's impression of the AWRC and review the UDLP online

**From:** Upper South Creek  
**Sent:** Thursday, 29 June 2023 12:50 PM  
**To:** Upper South Creek <[uppersouthcreek@sydneywater.com.au](mailto:uppersouthcreek@sydneywater.com.au)>  
**Subject:** Community Update - Upper South Creek Advanced Water Recycling Centre

Sydney Water is investing in critical infrastructure to support the future population and economic growth of Western Sydney. This includes construction of an Advanced Water Recycling Centre (AWRC) at Kemps Creek. When completed in 2026 the AWRC will deliver sustainable wastewater treatment and high-quality recycled water to deliver a wide range of community benefits.

The attached update has been distributed to nearby homes and businesses in Kemps Creek and is available for viewing on [Sydney Water Talk](#). The update includes:

- Information on [what the AWRC will look like](#)
- A master planning process for Sydney Water's green space around the AWRC
- Construction details and timing
- Where to get more information

To know more, please email the team here or call us on 1800 064 127.

*If you no longer want to receive these emails, please reply with 'unsubscribe'.*

### Upper South Creek Project Team

**Mobile: 1800 064 127**  
[uppersouthcreek@sydneywater.com.au](mailto:uppersouthcreek@sydneywater.com.au)

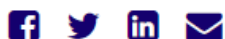
Level 14, 1 Smith Street  
Parramatta NSW 2150



## Appendix 2 – Community – Evidence of consultation

Screenshot from Sydney Water Talk website

### Draft Urban Design and Landscape Plan (UDLP)



23 Jun 2023

We have prepared a draft UDLP to set the strategy and design for the urban landscape and design at the AWRC. The UDLP focuses on the development of Stage 1 of the project (operational site) however considers opportunities for engagement around the future masterplan for green space (Stage 2) with relevant stakeholders.

Landscape design is important for the AWRC as it will help us achieve place-based outcomes through designing and caring for Country (in partnership with our Aboriginal stakeholders) and to support biodiversity through providing a restored landscape and a sustainable wastewater service now and into the future.

The plan will be submitted to the Department of Planning and Environment in late July 2023. [You can review the plan here](#). For more information or to provide feedback, email us at [uppersouthcreek@sydneywater.com.au](mailto:uppersouthcreek@sydneywater.com.au) or call our community relations team on 1800 064 127.

**June 2023 Community Newsletter**



# Upper South Creek Advanced Water Recycling Centre

**Community update: June 2023**



Sydney Water is investing in critical infrastructure to support the future population and economic growth of Western Sydney. This includes construction of an Advanced Water Recycling Centre (AWRC) at Kemps Creek. When completed in 2026 the AWRC will deliver sustainable wastewater treatment and high-quality recycled water to deliver a wide range of community benefits.

Our delivery partner, John Holland, will construct the AWRC and associated pipelines on behalf of Sydney Water.

Establishment of the AWRC site, off Clifton Avenue, will begin from late July, with pipeline construction starting towards the end of this year.

## What will the operational site look like?

While the whole site is 78 hectares, the operational area will be about 40 hectares. It will include the AWRC, pumping stations, administration building, roads and a car park, solar panel farm and stormwater detention basins. Space to the east of the operational area has also been set aside for future exploration of a bioenergy hub for waste collection, reuse and renewable energy generation (also known as 'circular economy').

Visit Sydney Water Talk to review our [draft urban design and landscape plan](#) for the AWRC.

We will be regenerating the green space around the operational site to help rehabilitate natural systems in the area, primarily around Wianamatta-South Creek. It will help enhance biodiversity, feature best practice water sensitive urban design and provide landscaping to visually screen parts of the AWRC.

The artist's impression above shows an indicative layout of the site and a concept design for the first stage of the surrounding green space.

## Green Space Master Planning Process

As outlined in the project's Environmental Impact Statement, our intention is to have elements of the open space available for public use.

We are currently working with local Aboriginal stakeholders, council, government agencies and neighbours to come up with options.

We will seek your feedback once the options have been explored further with our project stakeholders and ask that you contact us (details overleaf) with any questions, suggestions or if you wish to be involved.

## Constructing the AWRC

Construction will include earthworks, construction of the tanks, buildings and connecting pipework, mechanical and electrical equipment installation, landscaping and site restoration.

Our work from late July through to the end of this year includes:

- establishing site fences, temporary parking facilities, worker sheds and amenities
- removing old disused buildings
- clearing vegetation within the future operational space and temporary construction compound
- earthworks to make the area a suitable height for construction
- concrete work for new water tanks.

Our standard work hours are from **7am to 6pm, Monday to Friday**, and **8am to 1pm on Saturdays**. Affected residents and businesses will be notified where work is required outside standard work hours.

## Mitigating construction impacts

We know our work can be disruptive, so we'll make every effort to reduce any impact this work may have on you.

## Noise

At times, there will be noise from excavators and trucks associated with our earthworks. We will minimise this noise by implementing the measures in our construction environmental management plan, including switching off equipment when not in use and monitoring noise levels to make sure they stay within their approved limits.

## Visual impact

For security reasons, lights will be kept on 24 hours around the site compound and carpark. We will not direct lights towards homes.

## Dust

We anticipate there will be some dust caused by our work. We will use a water cart to wet down our work area, the access driveway and stockpiled material and we will monitor regularly.

## Flora and fauna

We have put measures in place to minimise our impact on the natural environment, including pre-clearance surveys, 'no-go zones' to protect vegetation and restoring areas where native vegetation is removed. We will offset our biodiversity impacts in accordance with the NSW Biodiversity Offset Scheme, prior to any clearing of native vegetation.

## Construction compound

We will set up a temporary compound area for storing equipment and amenities for our crews. We will fence the area to keep the work site secure and the community safe.

## Traffic and parking

The site is accessed from Clifton Avenue via Elizabeth Drive. Truck movements will be carefully managed in accordance with approved traffic routes but there will be an increase in vehicles accessing the site. Staff parking will be provided within the site compound.

We work closely with councils, other project teams and nearby property owners to minimise disruption and will provide further details as our work progresses. Safety is at the forefront of our planning, including having traffic controllers in place to guide vehicles, pedestrians and other road users around our work sites.

## More information

- [uppersouthcreek@sydneywater.com.au](mailto:uppersouthcreek@sydneywater.com.au)
- **1800 064 127**
- [sydneywatertalk.com.au/uppersouthcreek](http://sydneywatertalk.com.au/uppersouthcreek)

## Interpreter Service 13 14 50

Arabic • Chinese • Greek • Italian • Filipino • Korean • Vietnamese • Hindi • Punjabi • Assyrian

إذا كنت تحتاج إلى مترجم، يرجى الاتصال بالرقم أعلاه.

如果您需要傳譯員的協助，請致電以上的號碼。

Αν χρειάζεστε διερμηνέα, τηλεφωνήστε στον παραπάνω αριθμό.

Se vi serve un interprete, telefonate al numero indicato sopra.

Kung kailangan mo ng tulong ng interpreter, pakitawagan ang numero sa itaas.

통역사가 필요하시면 위의 번호로 전화하십시오.

Nếu quý vị cần thông dịch viên, hãy gọi đến số trên đây.

यदि आपको दुभाषिए की सहायता की ज़रूरत है, तो कृपया ऊपर दिए गए नम्बर पर फोन करें।  
ਜੇ ਤੁਹਾਨੂੰ ਦੋਭਾਸ਼ੀਏ ਦੀ ਮਦਦ ਦੀ ਲੋੜ ਹੈ, ਤਾਂ ਕ੍ਰਿਪਾ ਕਰਕੇ ਉੱਤੇ ਦਿੱਤੇ ਨੰਬਰ 'ਤੇ ਫੋਨ ਕਰੋ।

إذا كنت بحاجة إلى مترجم، يرجى الاتصال بالرقم أعلاه.

Stakeholder email sent to the project email list (over 600 people) inviting people to view an artist's impression of the AWRC and review the UDLP online

**From:** Upper South Creek  
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#### Upper South Creek Project Team

**Mobile: 1800 064 127**  
[uppersouthcreek@sydneywater.com.au](mailto:uppersouthcreek@sydneywater.com.au)

Level 14, 1 Smith Street  
Parramatta NSW 2150



#### Facebook promotion and photos taken at community information session - 6 May 2023

A screenshot of a Facebook post from Sydney Water. The post includes a photo of a community information session where a woman is looking at a display board. The display board has two main sections: "Western Sydney Aerotropolis Stormwater" and "Upper South Creek Advanced Water Recycling Centre". The text of the post describes the session, mentions representatives from various NSW Government agencies and local councils, and provides a link to register for the session. The post is dated 19 April and includes the hashtag #sydneywater.

**Sydney Water**  
19 April · 🌐

Aerotropolis and Mamre Road Community Drop-in Session

Sydney Water is hosting a cross-agency community event in May to inform the local community of projects in the Western Sydney Aerotropolis and Mamre Road precinct. Representatives from various NSW Government agencies and Penrith, Liverpool Councils and Aerotropolis Community Commissioner, Roberta Ryan, will be available to answer your questions on the day.

For more information or to Register your attendance, please visit:  
[www.sydneywatertalk.com.au/majorprojects/new\\_s\\_feed/aero](http://www.sydneywatertalk.com.au/majorprojects/new_s_feed/aero)

#sydneywater See less



## Appendix 3 – Department of Planning and Environment – Evidence of consultation

**Details redacted**

## Appendix 4 – Council and Government Agencies – Evidence of consultation

Stakeholder workshop slide deck - 20 June 2023 – some details redacted

# Upper South Creek Advanced Water Recycling Centre

➔ Online Workshop

Sydney  
**WATER**

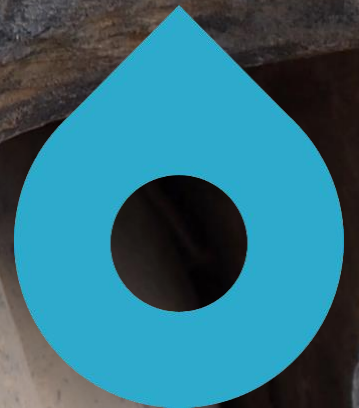
**JOHN  
HOLLAND**

  
**TRILITY**

  
**Tract**

Sydney  
**WATER**

# Acknowledgement & Respect



# Introductions

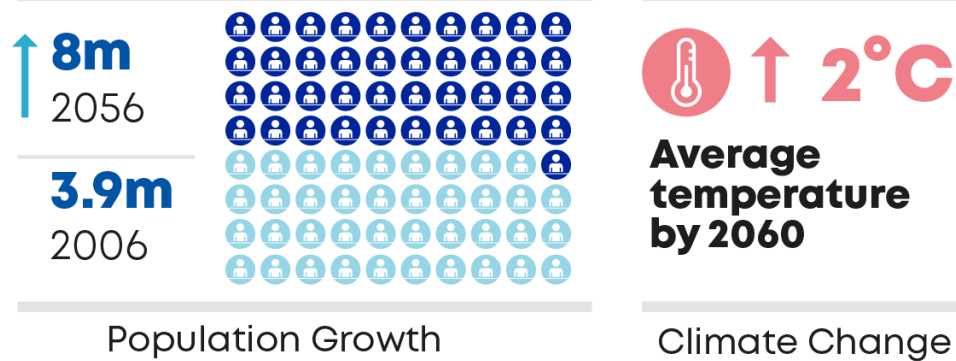
# Workshop agenda

- Project overview – **Stephanie Clarke**
- The AWRC operational plant (design and operation) – **Nick Freeman**
- Construction and traffic management – **Jeremy Cadzow**
- Engaging with you about the Green Space – **Julie Lee**
- Questions and next steps

# **Project overview**

# In Western Sydney, there is an opportunity to do things differently

## Sydney's challenges and opportunities



## Western Sydney: Population Growth & Climate Change



## Sydney's water challenges and opportunities



### Water infrastructure nearing capacity

Without smarter management of water demand will exceed sustainable system yield in 15 years



### Heat

The Western Parkland City can be between 5-10°C hotter than the rest of Sydney



### Sustainability and resilience

The inefficient and single use of water threatens our long term water security



### Waterway health

The health of Sydney's rivers and waterways are a major contributor to making a place attractive to live



### Natural hazards

Increased uncoordinated development will increase the impact of weather extremes to communities and the economy

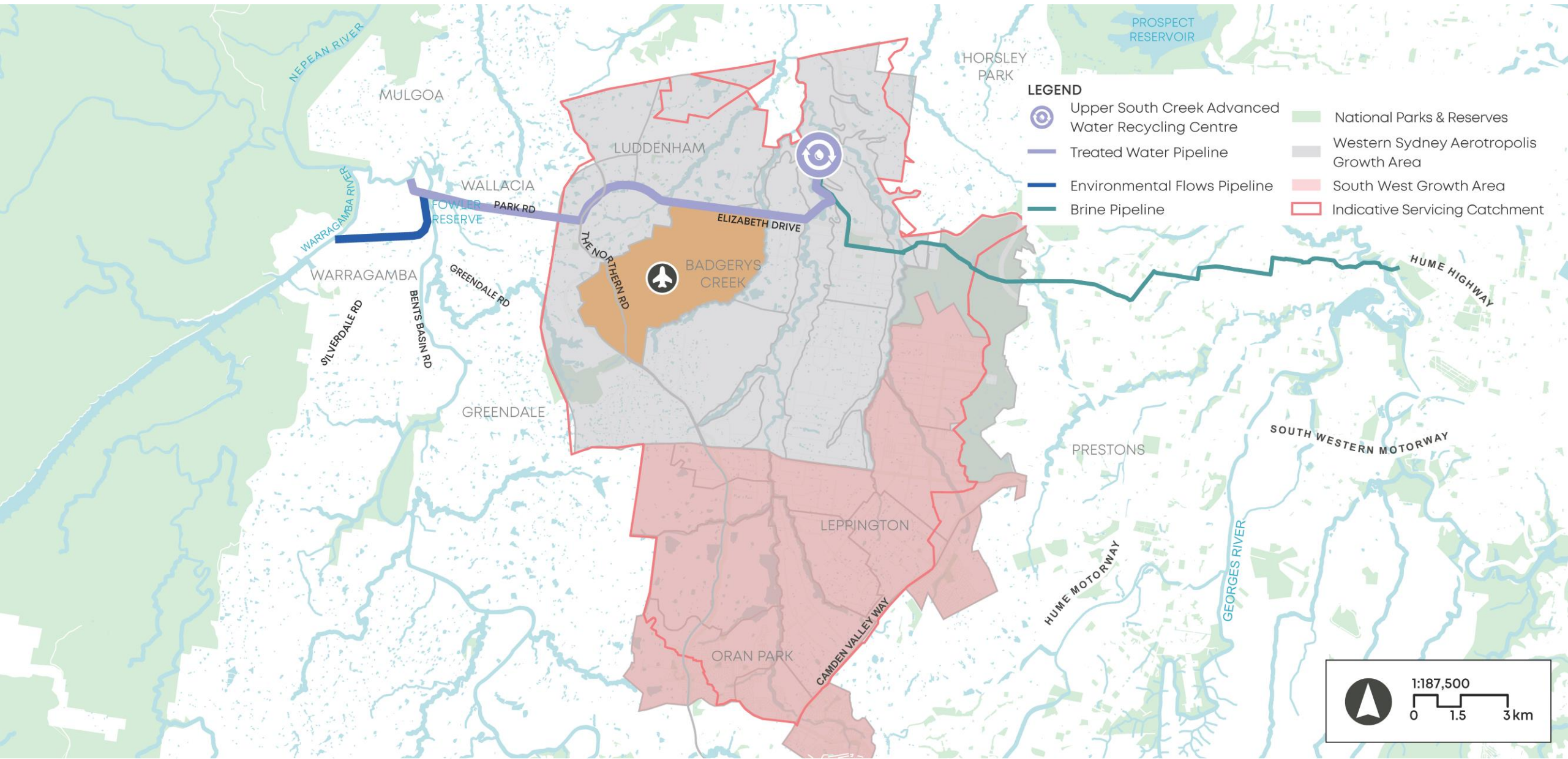
Indicative only

# The project

**A new Advanced Water Recycling Centre will deliver a productive, sustainable and liveable Western Sydney**



# Upper South Creek Catchment



## Project benefits

- |           |                                                              |
|-----------|--------------------------------------------------------------|
| Benefit 1 | Wastewater service to support growing population             |
| Benefit 2 | Waterway health and ecology is improved downstream           |
| Benefit 3 | Water resilience gains through recycled water                |
| Benefit 4 | Sustainability and efficiency through resource recovery      |
| Benefit 5 | Greening, cooling and landscape-led design in Western Sydney |
- 

# The AWRC site location

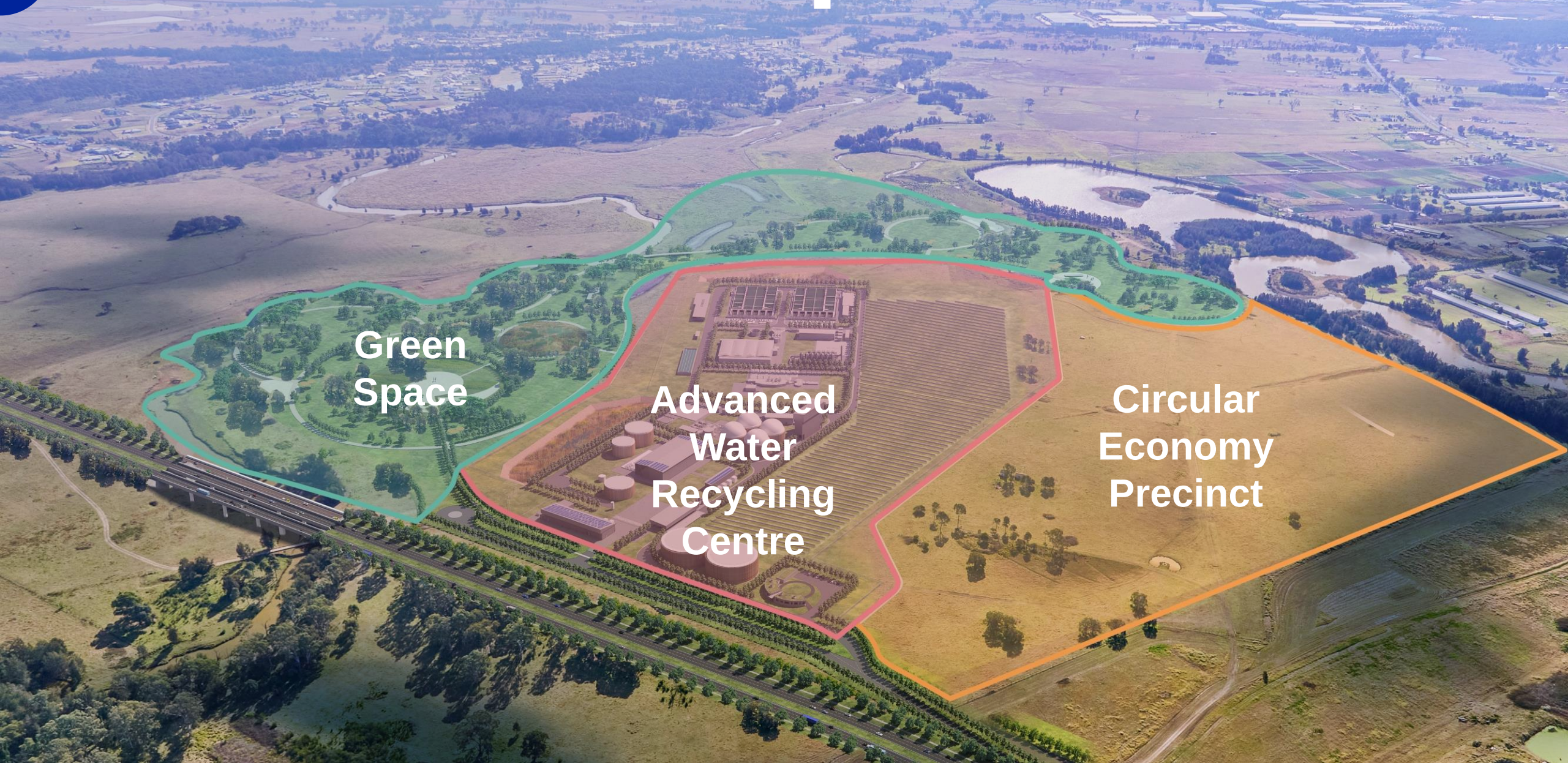






# AWRC Site at Kemps Creek

*Artist's impression based on  
Sydney Water's Reference Design*



**Green  
Space**

**Advanced  
Water  
Recycling  
Centre**

**Circular  
Economy  
Precinct**

# Design & Operation



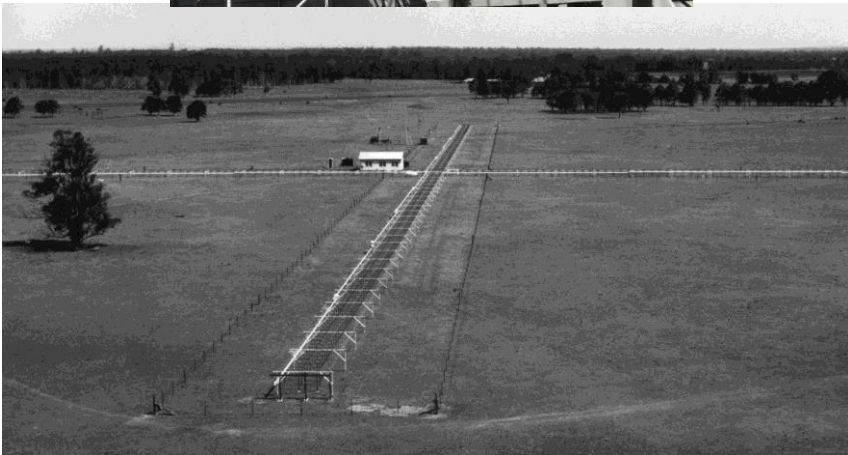
WESTERN SYDNEY INTERNATIONAL AIRPORT

AWRC



# ARWC Site GA Key Features

- Similar location on land parcel to EIS / Reference Design
- Stage 1 & 2
- Fleurs telescopic alignment
- Operational area all above 1:100 flood



# ARWC Site GA

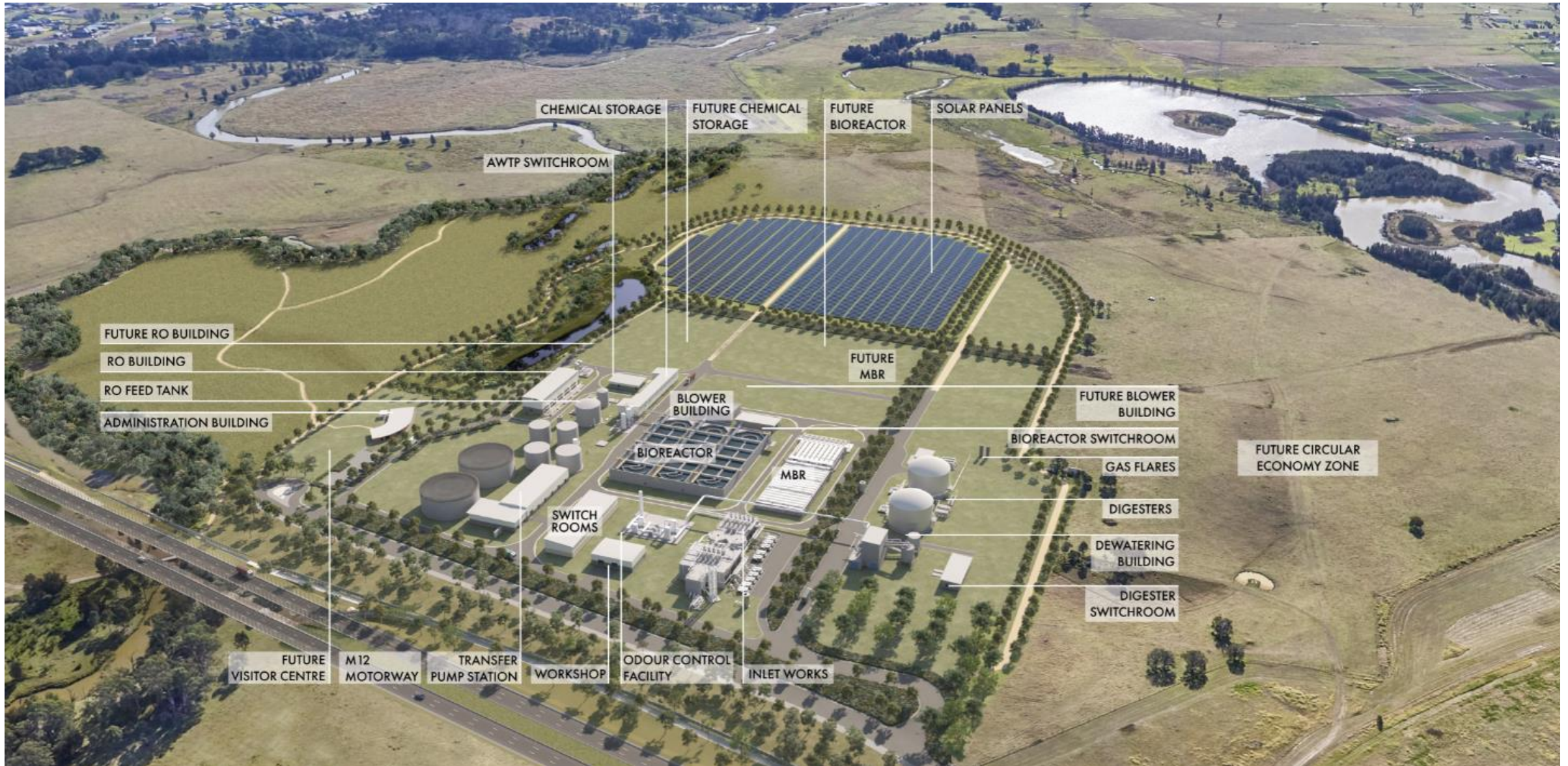
- Natural curves utilised in site layout
- Telescope alignment
- Stage 1 and 2 assets
- Current urban design scope
- Permanent solar
- External fire trail



## ARWC Visual Impacts – image on next slide

- Heights of structure/building
- Digesters ~14m (~26m)
- Barometric loop ~20m
- Dewatering building ~17m
- OCF Stack ~15-16m
- Brine tanks ~13m
- Process tank ~8-12m
- Inlet works ~7-10m (9-12.5m)
- TW/Brine PS building ~9m
- RO building ~9m
- Switchrooms ~5-6m

# ARWC Visual Impacts



# ARWC Urban Heat & Visual Impacts

- Urban heat island
- Building colours
  - Precast concrete
  - Clad buildings



**COLOUR COMBINATION #1 FOR LARGER BUILDINGS**  
BUILDING 8 - DEWATERING & OUTLOADING BUILDING



**COLOUR COMBINATION #2 FOR MEDIUM BUILDINGS**  
BUILDINGS 12 & 13 - AWTP/RO & TREATED WATER/ BRINE PUMP STATION



**COLOUR COMBINATION #1 FOR SMALLER BUILDINGS**  
BUILDING 2 - WORKSHOP

# ARWC Water Flows & Quality

- Changes from EIS:
  - Primary treatment step removed in favour to greater capacity in the secondary/tertiary treatment unit.

| Flow condition (treatment figures) | Nepean River Release (Priority Release <sup>1</sup> )              | South Creek Release (Secondary Release <sup>1</sup> )                 |
|------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|
| < 1.3 x ADWF                       | Advanced treated                                                   | No release                                                            |
| 1.3 – 1.7xADWF                     | 1.3 x ADWF Advanced treated,<br>>1.3 – 1.7 x ADWF Tertiary treated | No release                                                            |
| 1.7 – 3.0xADWF                     | >1.3 – 3.0 x ADWF Tertiary treated                                 | 1.3 x ADWF Advanced treated                                           |
| >3.0xADWF                          | >1.3 – 3.0 x ADWF Tertiary treated                                 | 1.3 x ADWF Advanced treated,<br>> 3.0 x ADWF Wet weather plant bypass |



## ARWC Aviation

- All non-aerated process tanks are covered (except OSD)
- Solar panels have low glare finish
- Stainless tank roofs have non-reflective finish
- Operational lighting designed in accordance with National Airports Safeguarding Framework (NASF)
- Waste gas burners: Enclosed type

## ARWC Odour

- What are we odour treating?
- Changes from EIS / Reference Design is biosolids truck outloading is now ventilated and odour treated
- ~4OU at site boundary is maintained



# ARWC Operational Truck Movements

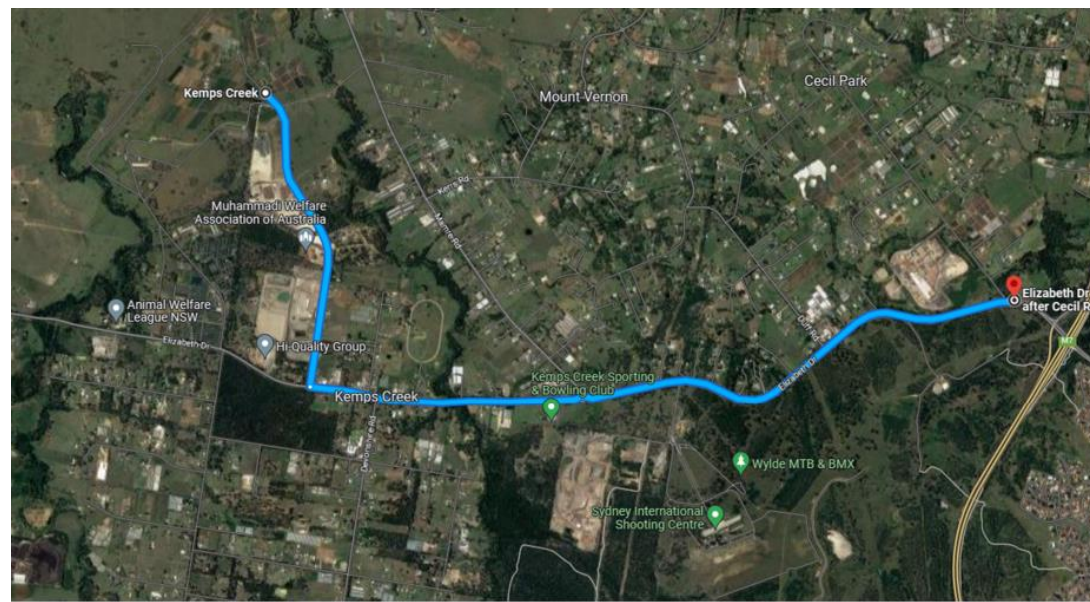
- Operational staff
  - ~10No operational staff
  - Light vehicles
- Screenings and grit trucks
  - ~5No trucks per week
  - 12m flatbed trucks
- Chemical deliveries
  - Liquid, lime, CO<sub>2</sub>, polymer
  - Total ~4 to 7No per week
  - 20m long B-doubles and 12m flatbed trucks
- Biosolids trucks
  - ~14No trucks per week
  - 20m long B-doubles (Semi's & Truck & Dog)
- TOTAL TRUCK MOVEMENTS : ~23 to 26No per week (When @ 35ML/d)



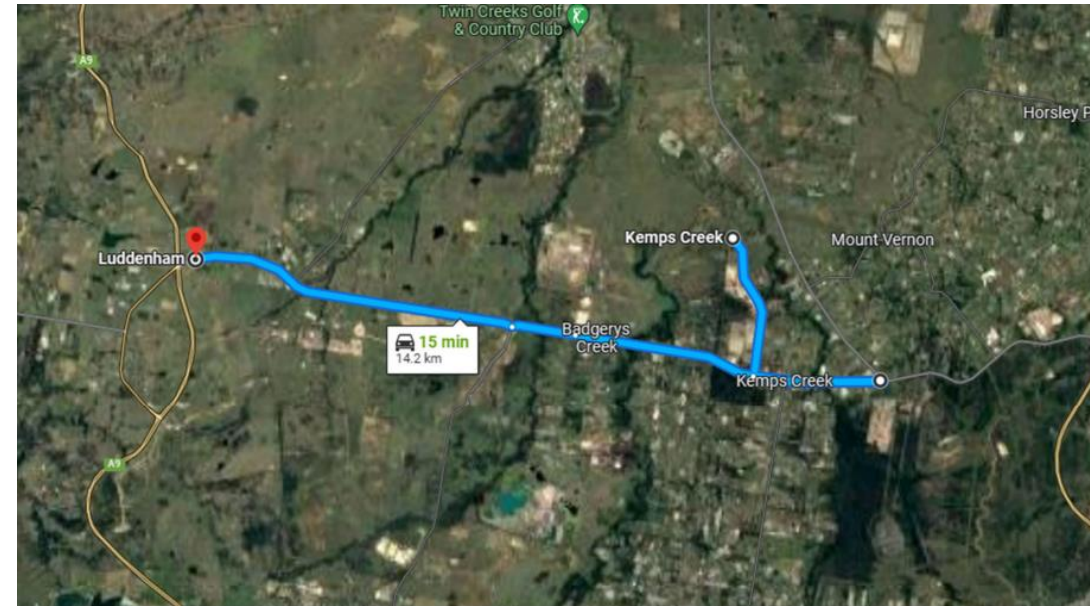
# **Construction & Traffic Management**

# Traffic Management

- Traffic and Transport Management Plan. Endorsed by ER. With DEP
- Site Specific Construction Traffic Management Plan. Submitted
- Vehicle movement
  - AWRC has allowed for ~320 onsite car parks
  - Concrete Trucks – Avg 20/day
  - Various other Trucks: Avg 10-15/day
  - Delivery truck will enter site to be unloaded.
  - OSOM equipment for site mobilisation



AWRC route to and from M7



AWRC route to the West using Mamre Road Roundabout



# **Master planning for the Green Space**



0 50 100 250m

## SITE PLANNING

UPPER SOUTH CREEK ADVANCED WATER RECYCLING CENTRE

Questions?

**Stakeholder workshop slide deck - 20 October 2023**

# Upper South Creek Advanced Water Recycling Centre – urban design and landscape planning



Sydney  
**WATER**

**JOHN  
HOLLAND**

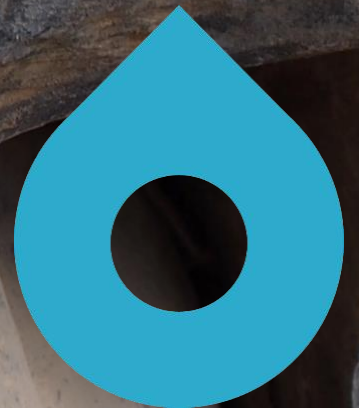


20 October 2023



Sydney  
**WATER**

# Acknowledgement & Respect



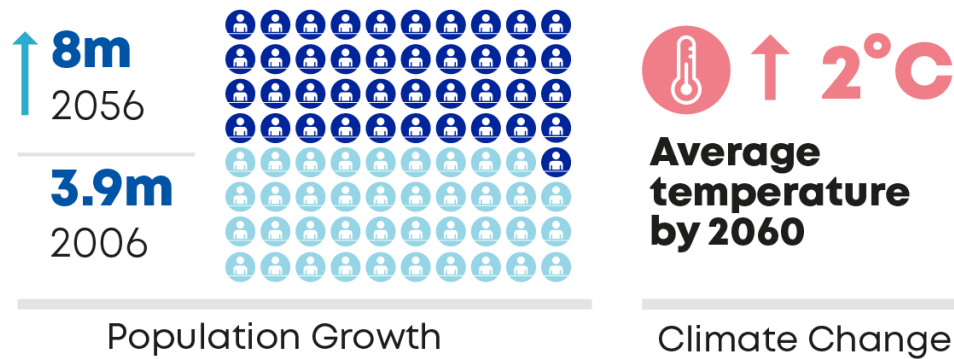
# Workshop agenda

- Project overview – **Stephanie Clarke, Sydney Water**
- Urban design and landscape update – **Julie Lee, Tract**
  - Wildlife management
  - Bushfire risk management and access for emergency services
- Glare and lighting management – **Nick Freeman, John Holland**
- Green Space master planning update – **Stephanie Clarke, Sydney Water**
- Aboriginal stakeholder engagement and site naming – **Jahni Glasby, GHD**
- Construction update – **Darren Wharton, Sydney Water**

# **Project Overview**

# In Western Sydney, there is an opportunity to do things differently

## Sydney's challenges and opportunities



## Western Sydney: Population Growth & Climate Change



## Sydney's water challenges and opportunities



### Water infrastructure nearing capacity

Without smarter management of water demand will exceed sustainable system yield in 15 years



### Heat

The Western Parkland City can be between 5-10°C hotter than the rest of Sydney



### Sustainability and resilience

The inefficient and single use of water threatens our long term water security



### Waterway health

The health of Sydney's rivers and waterways are a major contributor to making a place attractive to live



### Natural hazards

Increased uncoordinated development will increase the impact of weather extremes to communities and the economy

Indicative only

# The project

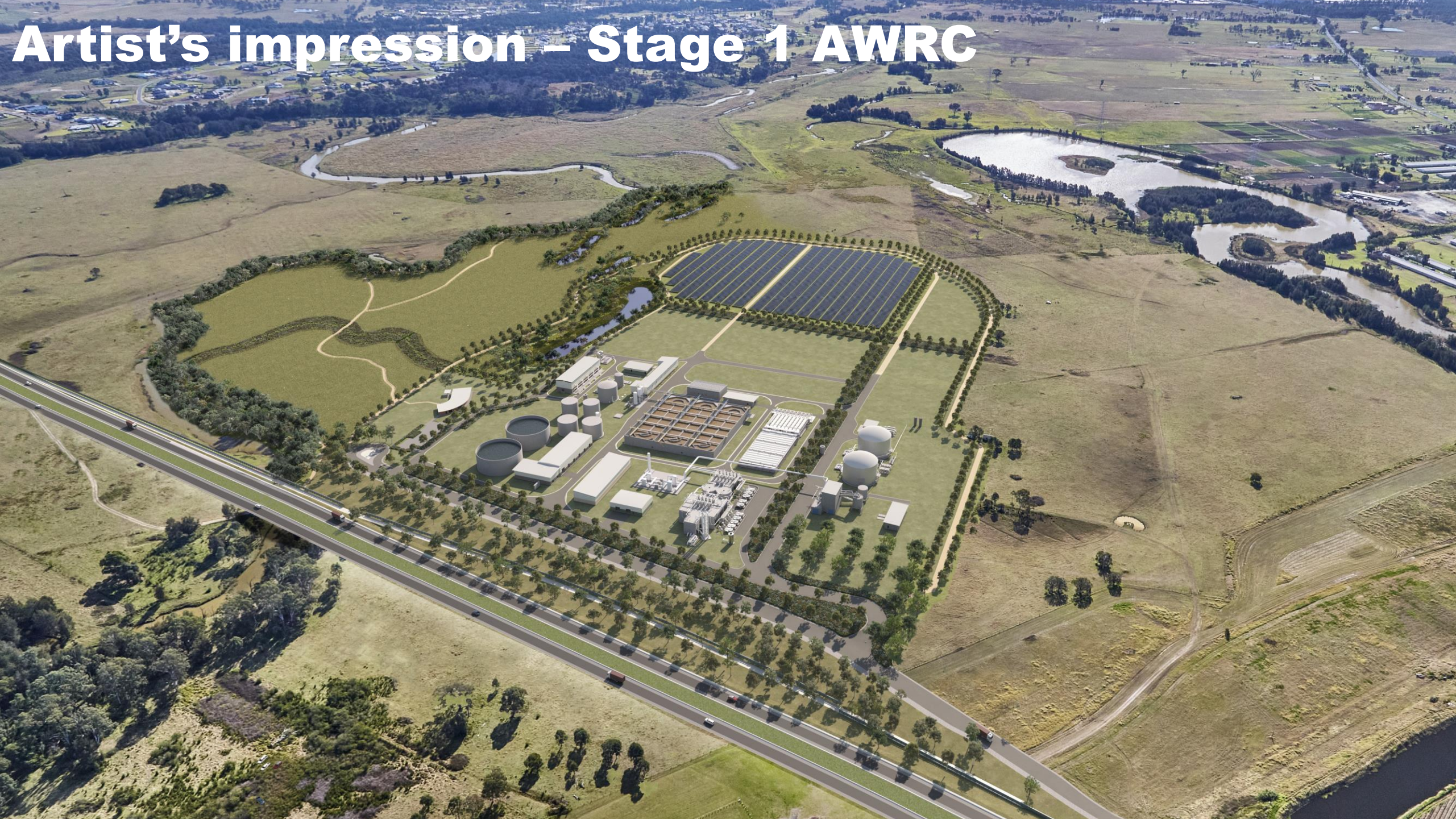
**A new Advanced Water Recycling Centre will deliver a productive, sustainable and liveable Western Sydney**



# The AWRC site location



# Artist's impression – Stage 1 AWRC



# **Urban Design and Landscape Update**

# Urban Design Vision



**Upper South Creek AWRC is a place where the connection of people to the land, water and sky are appreciated and deepened, bringing community together to restore, discover, meet and enjoy.**

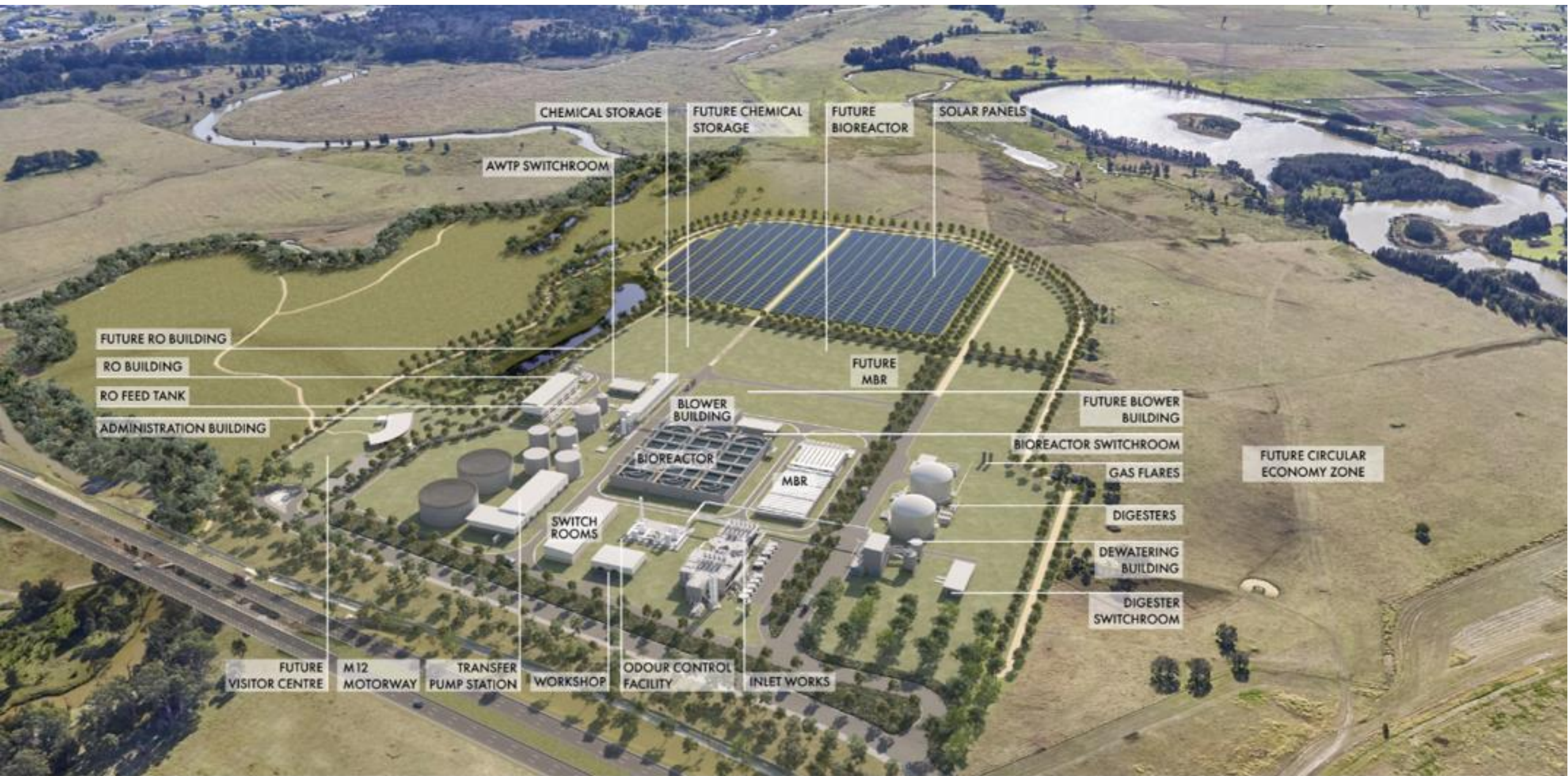
## Where we are in the Urban Design and Landscape Plan?

1. Stage 1 early construction is underway
2. 80% documentation is complete, 100% underway
3. Development of Green Space masterplan is progressing



# Stage 1 plan





CHEMICAL STORAGE

FUTURE CHEMICAL  
STORAGE

FUTURE  
BIOREACTOR

SOLAR PANELS

AWTP SWITCHROOM

FUTURE RO BUILDING

RO BUILDING

RO FEED TANK

ADMINISTRATION BUILDING

BLOWER  
BUILDING

BIOREACTOR

MBR

FUTURE  
MBR

FUTURE BLOWER  
BUILDING

BIOWATER SWITCHROOM

GAS FLARES

FUTURE CIRCULAR  
ECONOMY ZONE

DIGESTERS

DEWATERING  
BUILDING

DIGESTER  
SWITCHROOM

FUTURE  
VISITOR CENTRE

M12  
MOTORWAY

TRANSFER  
PUMP STATION

WORKSHOP

ODOUR CONTROL  
FACILITY

INLET WORKS



Ground Colour  
Image taken during  
site visit

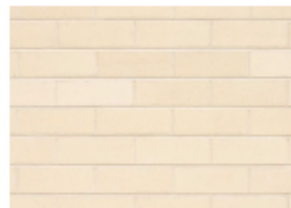
## OPTION 2

### West Elevation

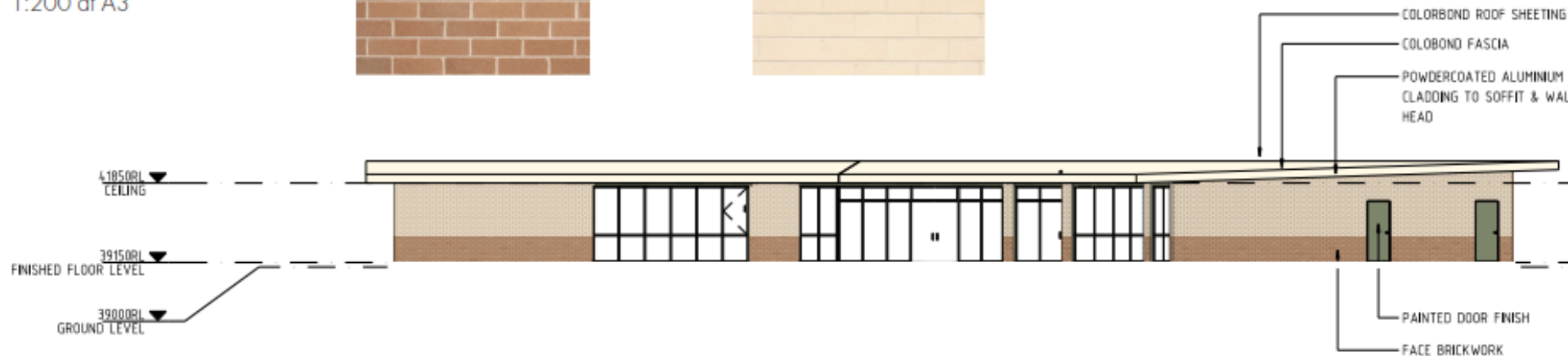
1:200 at A3



Bowral Bricks  
Bowral76  
St Pauls Cream

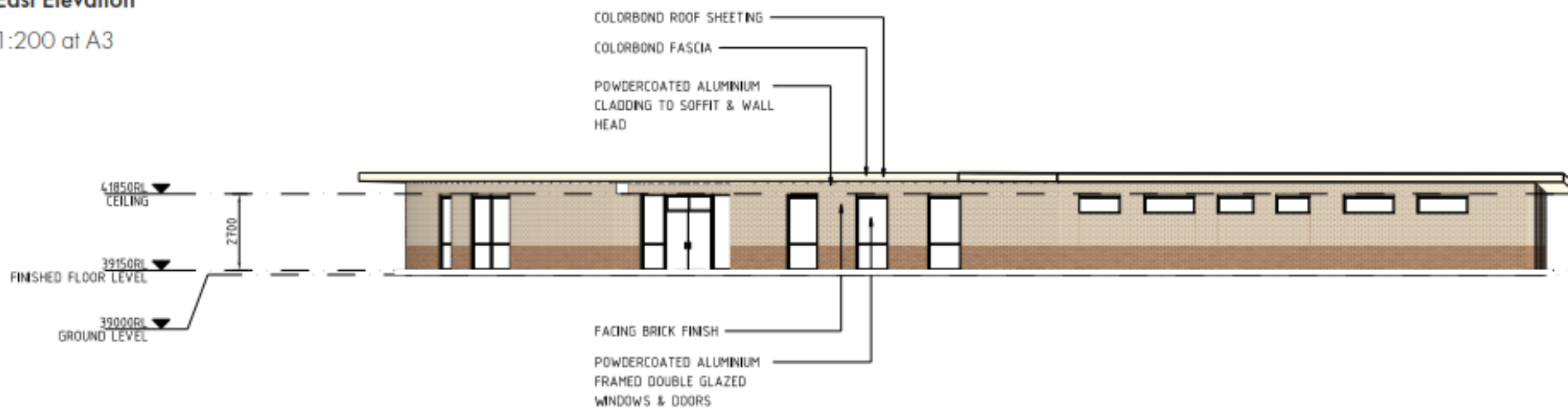


Bowral Bricks  
Bowral76  
Chillingham White



## East Elevation

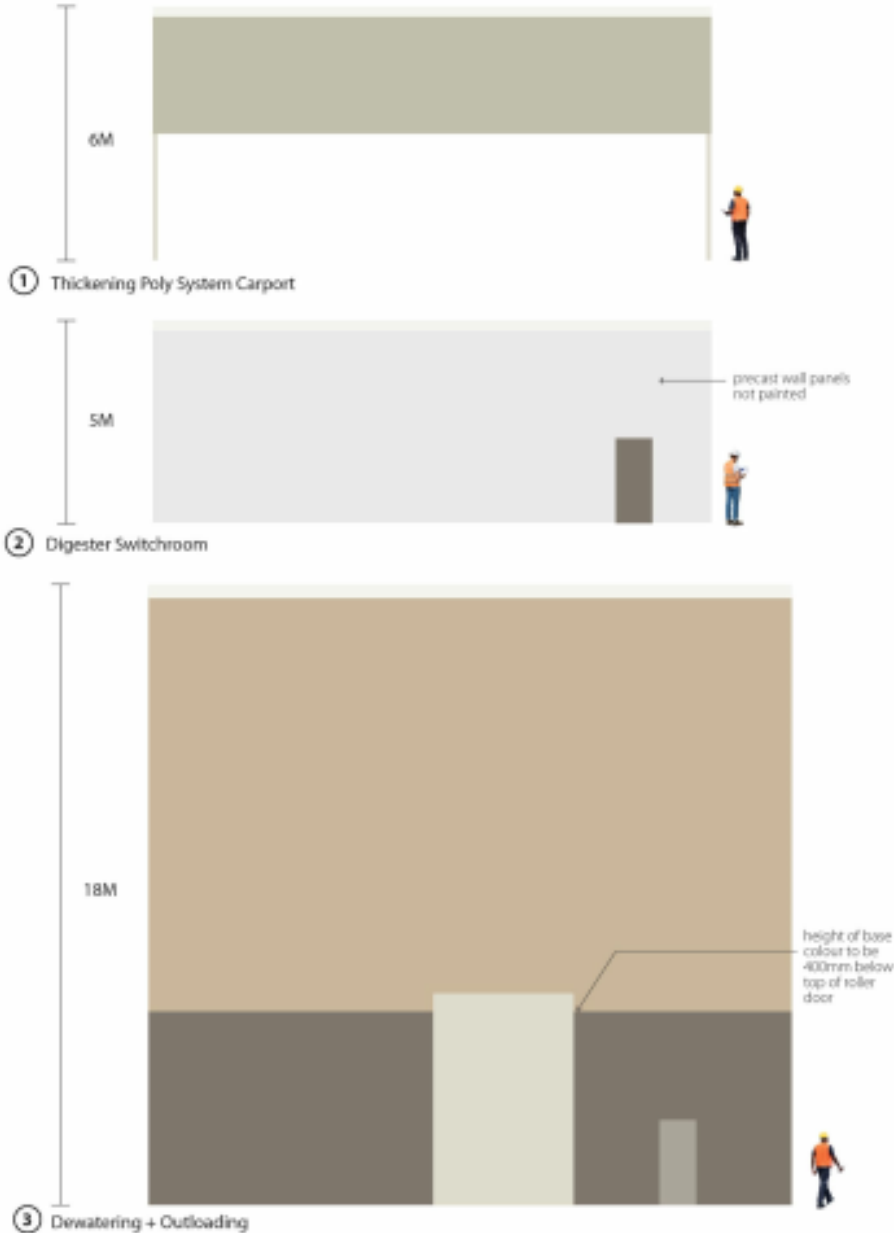
1:200 at A3



# SOLIDS STREAM BUILDINGS

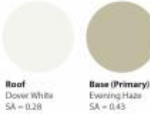
## COLOUR COMBINATION SET FOR SOLIDS STREAM BUILDINGS

\*not to scale

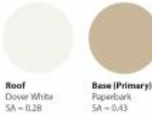


## SOLIDS STREAM BUILDINGS COLOUR SCHEMES

### BUILDING 1 COLOURS



### BUILDING 3 COLOURS



### BUILDING 2 COLOURS

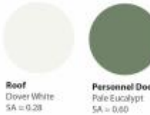


## WATER STREAM BUILDINGS COLOUR SCHEMES

### BUILDING 4 COLOURS



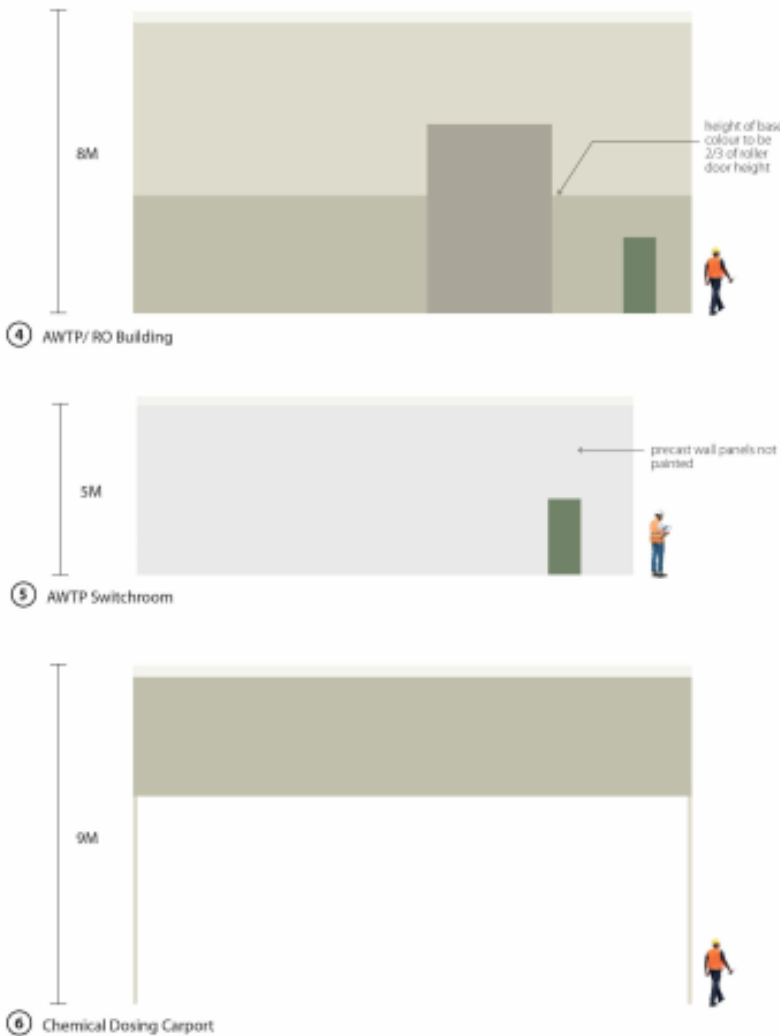
### BUILDING 5 COLOURS



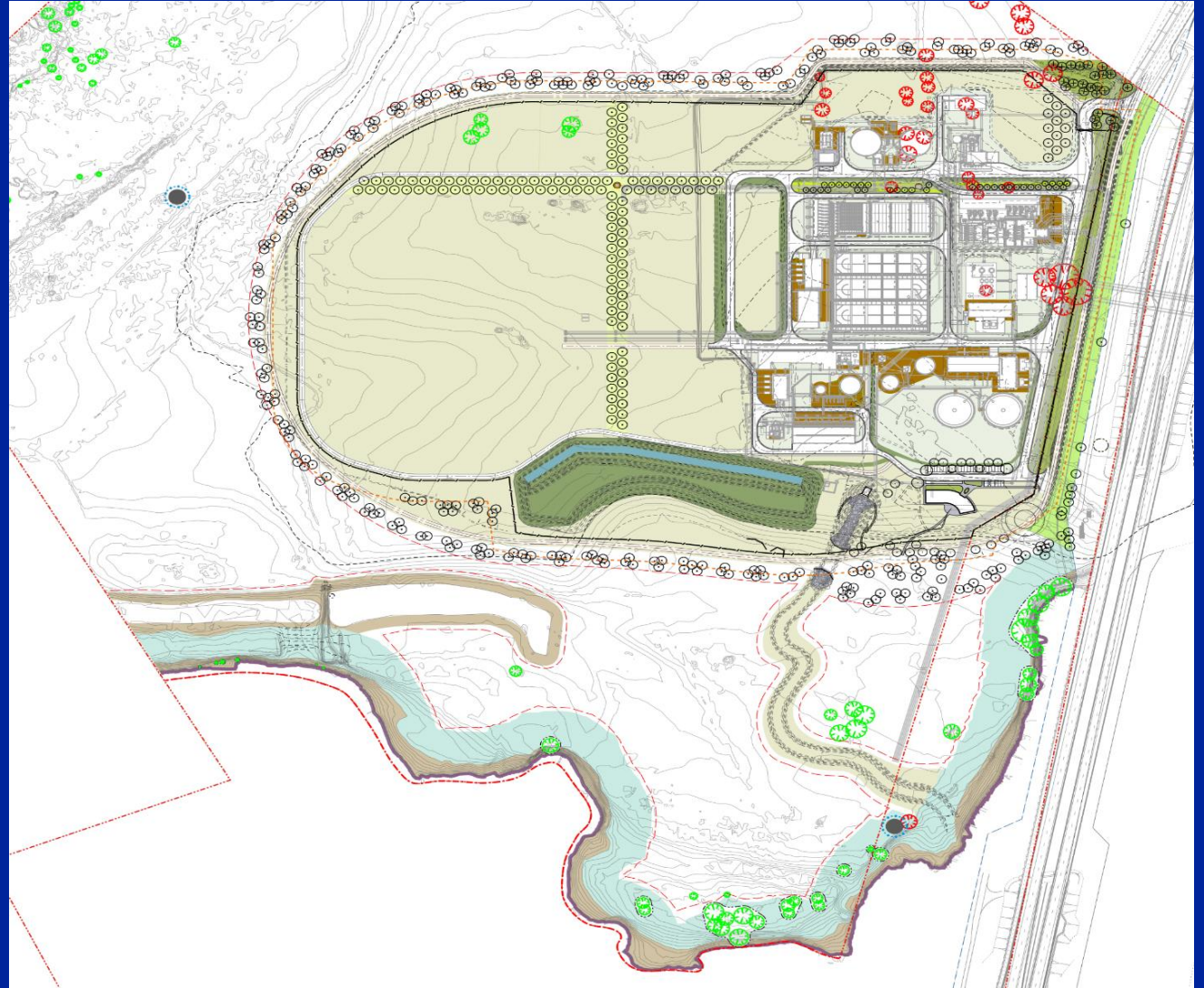
### BUILDING 6 COLOURS



\*not to scale



Urban design and site layout refinement, in particular the detailed grading and incorporation of methodology for plant material installation, will continue for Urban Design during the 80-100% stage





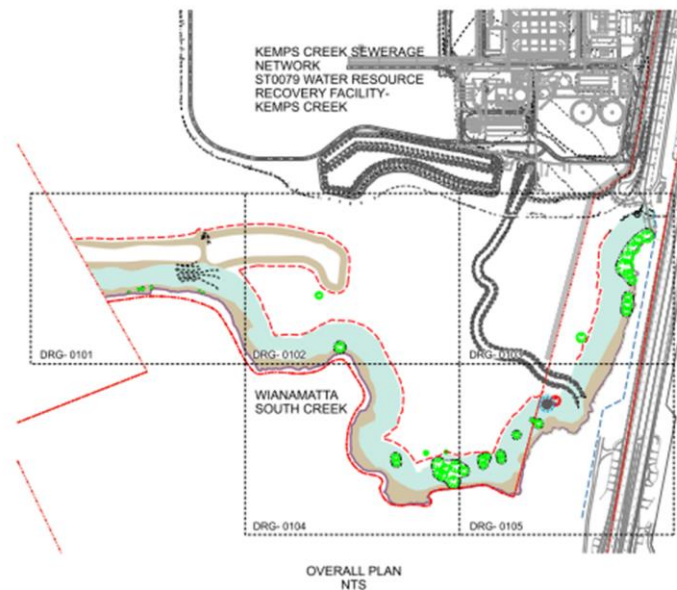
## **Restoration of Wianamatta South Creek**

# Vegetation Management Plan

## Sydney Water Upper South Creek - Advanced Water Recycling Centre

Tract

### SYDNEY WATER UPPER SOUTH CREEK ADVANCED WATER RECYCLING CENTRE VEGETATION MANAGEMENT PLAN



| REVISIONS |                    |            |    |
|-----------|--------------------|------------|----|
| NO.       | DESCRIPTION        | DATE       | BY |
| 1         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 2         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 3         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 4         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 5         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 6         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 7         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 8         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 9         | ISSUED FOR TENDERS | 11/07/2023 | JL |
| 10        | ISSUED FOR TENDERS | 11/07/2023 | JL |

GENERAL NOTES

1. SEE NOT TO SCALE DRAWING. PLANNED OVERLOOKING ROAD PROPOSED OVER CREEK DRAINAGE.
2. ANY PROPOSED VEGETATION BE REMOVED OR DAMAGED BY THE PROPOSED ROAD.
3. THESE DRAWINGS ARE FOR INFORMATION ONLY. THE DETAILS, SPECIFICATIONS AND DIMENSIONS ARE SUBJECT TO CHANGE.
4. LOCAL AND REGIONAL LANDSCAPE AND CLIMATE DATA. THESE DRAWINGS HAVE BEEN PREPARED TO REFLECT THE LOCAL CLIMATE AND LANDSCAPE.
5. THESE DRAWINGS ARE FOR INFORMATION ONLY.

Notes: Design, detail and construction of the proposed scheme are the responsibility of the client. The client is responsible for ensuring that the proposed scheme is consistent with the relevant legislation and standards.



PROJECT  
SYDNEY WATER UPPER SOUTH CREEK  
ADVANCED WATER RECYCLING CENTRE

CLIENT  
SYDNEY WATER

PRELIMINARY NOT FOR CONSTRUCTION

VEGETATION MANAGEMENT PLAN  
TITLE SHEET

| DRAWING No.       | REV | DATE       | BY | APP'D |
|-------------------|-----|------------|----|-------|
| AWRC VMP DRG-0001 | 1   | 11/07/2023 | AJ | JL    |

SCALE: AS SHOWN

DATE: 11/07/2023

Tract  
Landscape Architects  
Urban Designers  
Town Planners



### Vegetation Management Plan

#### Report

Prepared for John Holland Group

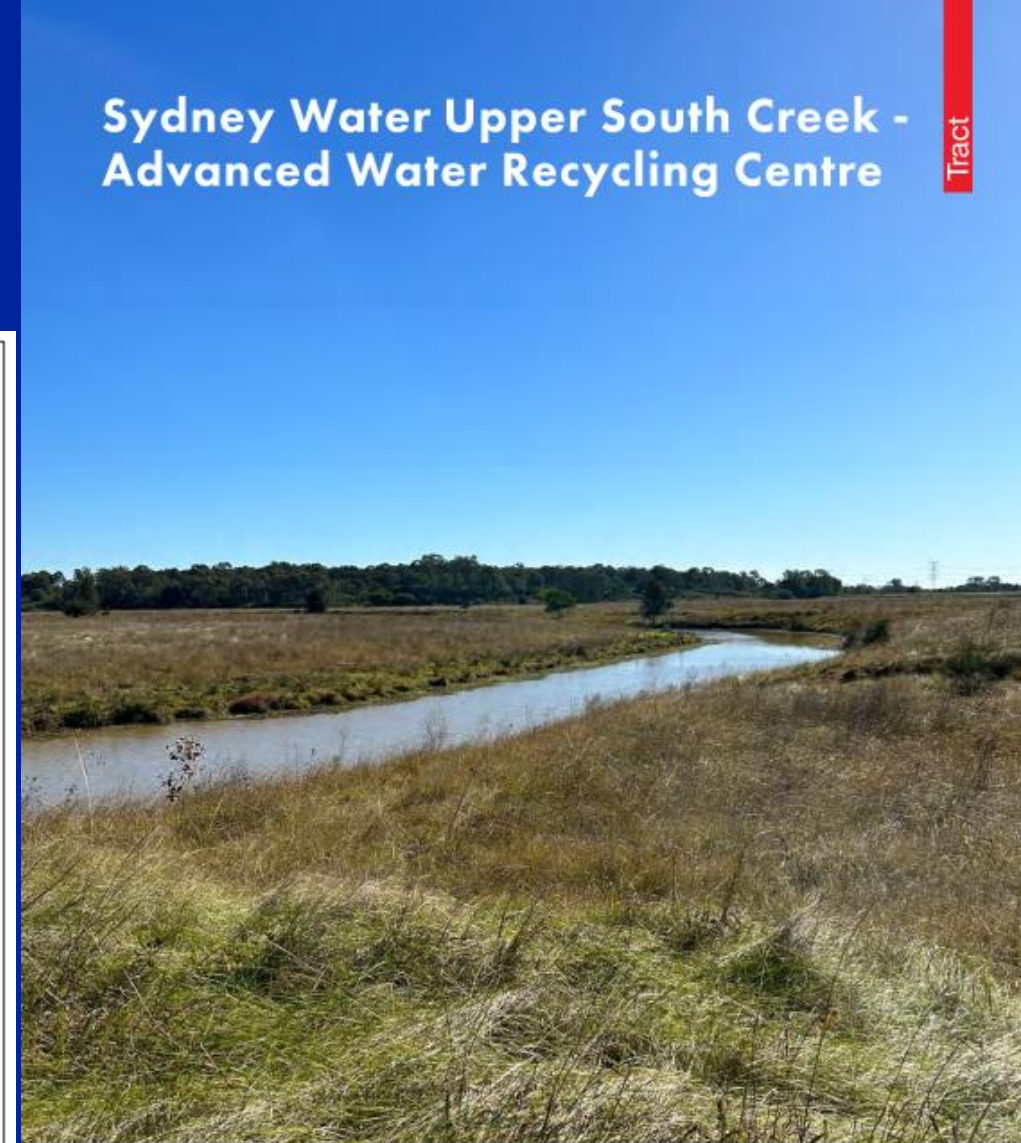
Sydney  
WATER

Tract

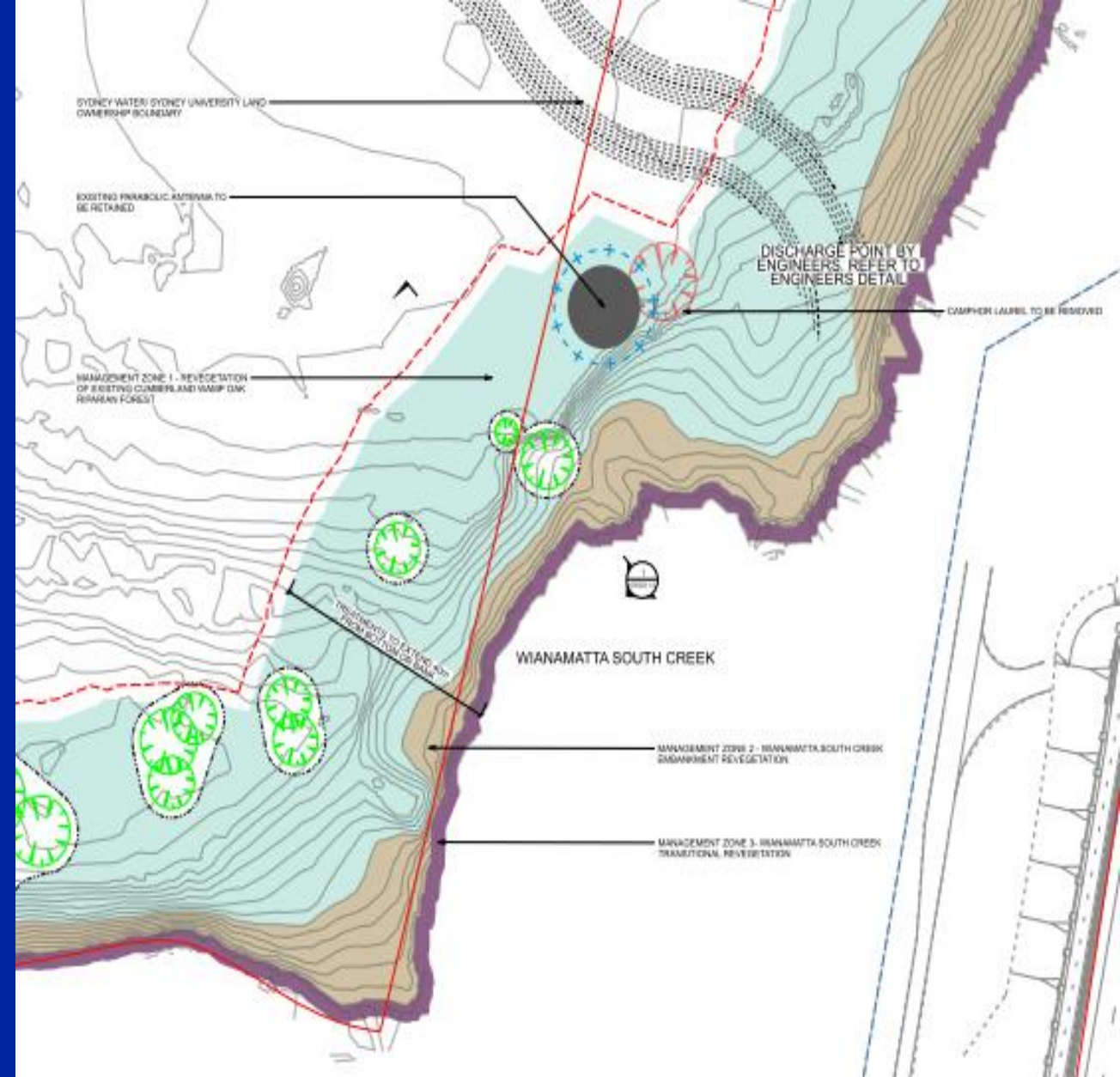
Gomaraogal Country  
Level 8, 80 Mairand Street, North Sydney NSW 2060

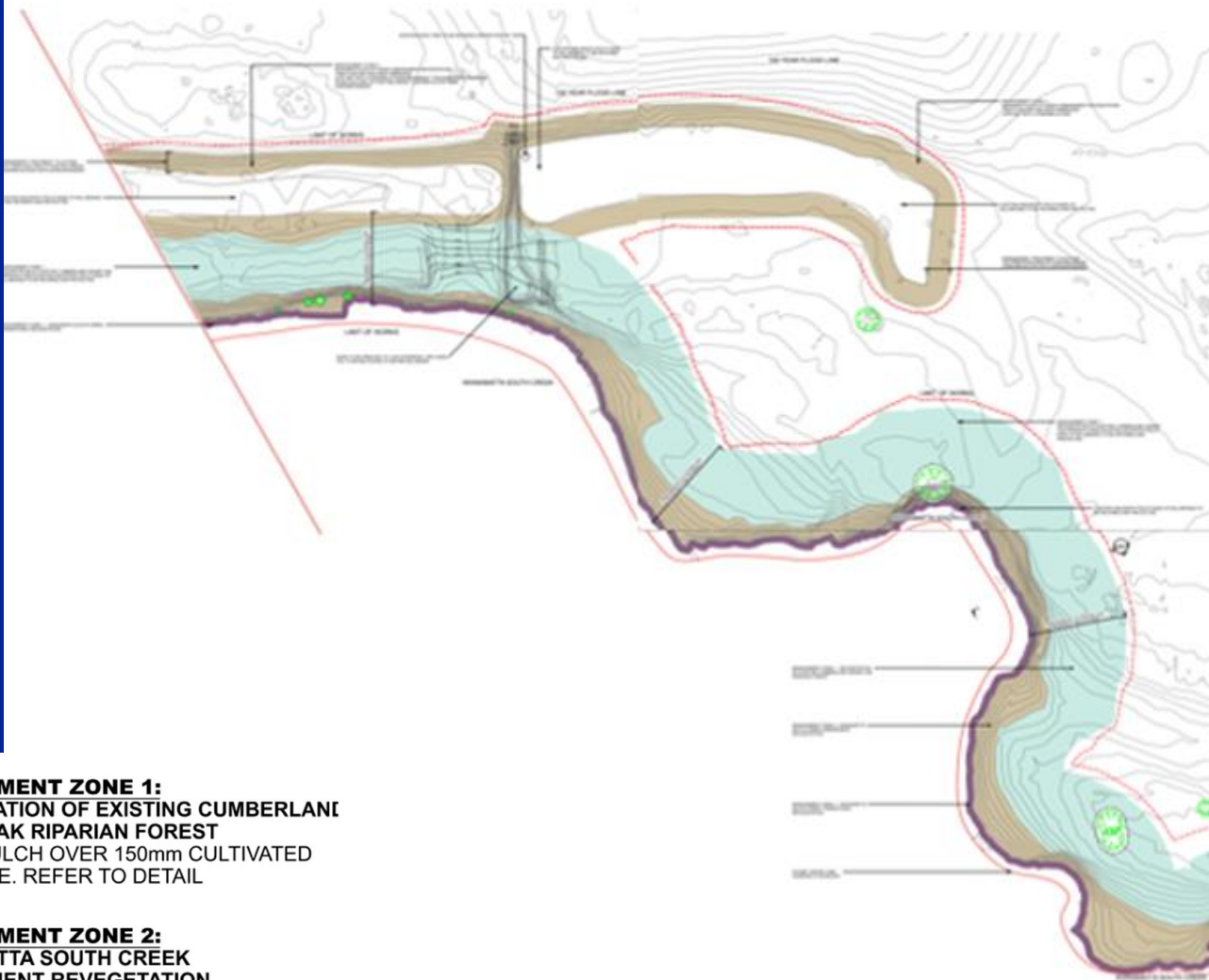
02 9954 3733  
www.tract.com.au

19 July 2023



# Casuarina regrowth areas





**MANAGEMENT ZONE 1:**  
REVEGETATION OF EXISTING CUMBERLAND  
SWAMP OAK RIPARIAN FOREST  
100mm MULCH OVER 150mm CULTIVATED  
SUBGRADE. REFER TO DETAIL



**MANAGEMENT ZONE 2:**  
WIANAMATTA SOUTH CREEK  
EMBANKMENT REVEGETATION  
TREE PLANTING WITH HYDROMULCH MIX  
REFER TO DETAIL



**MANAGEMENT ZONE 3:**  
WIANAMATTA SOUTH CREEK EDGE  
VEGETATION  
SEED-EMBEDDED JUTE MAT (EXTENT TO  
BE CONFIRMED ON SITE)  
REFER TO DETAIL

Management Zones

# The Cumberland Plain Conservation Plan

A conservation plan  
for Western Sydney to 2056

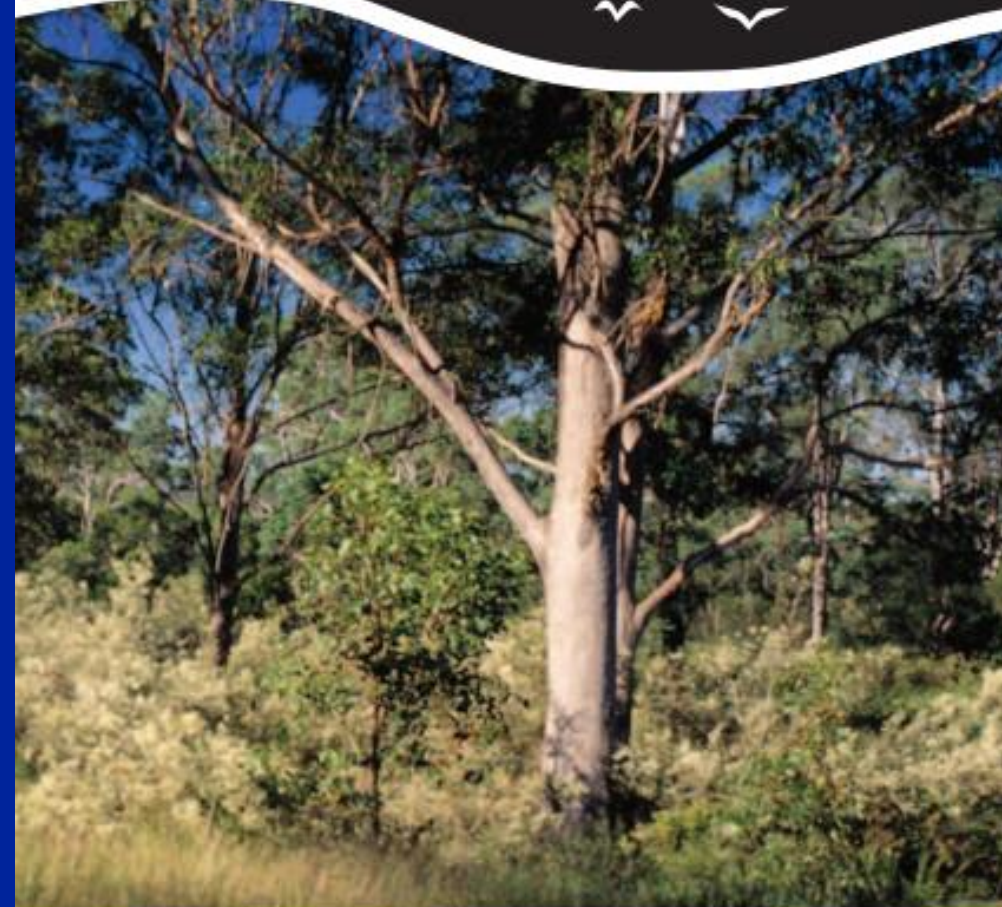
2022



[www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)

## Recovering bushland on the Cumberland Plain

Best practice guidelines for the management and restoration of bushland



Department of  
Environment and Conservation (NSW)



Tree Canopy  
(Typical dominants)



*Eucalyptus moluccana*  
Grey gum



*Eucalyptus tereticornis*  
Forest Red Gum



*Eucalyptus fibrosa*  
Red-Ribbed-leaved Ironbark

Tree Canopy  
(Present or locally  
dominant)



*Eucalyptus crebra*  
Narrow leaved Ironbark



*Eucalyptus eugenioides*  
Thin leaved Stringybark



*Corymbia maculata*  
Spotted Gum

Lower Tree  
Canopy



*Acacia decurrens*  
Black / Green Wattle



*Acacia parramattensis*  
Parramatta Wattle



*Acacia implexa*  
Hickory Wattle



*Exocarpus cupressiformis*  
Native cherry



*Melaleuca decora*  
Paperbark

Understorey  
Shrubs



*Acacia falcata*  
Sally



*Breytia oblongifolia*  
Coffee bush



*Bursla spinosa*  
Blackthorn



*Daviesia ulicifolia*  
Gorse like pod



*Dillwynia sieberi*



*Dodonaea viscosa* subsp. *cuneata*  
Wedges leaf hopbush



*Indigofera australis*  
Native Indigo



*Lissanthe strigosa*  
Peach leaf



*Rubus parvifolius*  
Native raspberry

Grosses and grass  
like plants



*Aristida ramosa*  
Purple wiregrass



*Cymbopogon refractus*  
Barbed wiregrass



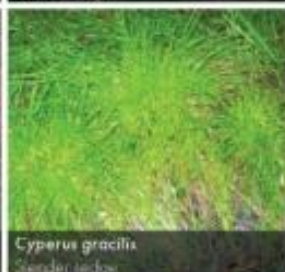
*Dichelachne microantha*  
Plumegrass



*Microlaena stipoides* subsp. *stipoides*  
Wiregrass



*Themeda triandra*  
Kangaroo grass



*Cyperus gracilis*  
Slender sedge



*Lomandra filiformis* subsp. *filiformis*  
Wattle Mat-rush



*Lomandra multiflora* subsp. *multiflora*  
Many-flowered Mat-rush



*Aristida vagans*  
Threemere speargrass



*Echinopogon caespitosus* var. *caespitosus*  
Tufted Hedgehog grass



*Eragrostis leptostachya*  
Pasture Levegrass



*Paspalidium distans*



*Carex inversa*  
Toad sedge

Common wildflower  
and fern species



*Asperula conferta*  
Gymmle woodruff



*Brunoniella australis*  
Blue Throat



*Cheilanthes sieberi*  
Poison Rock-fern



*Desmodium varians*  
Slender Tick-melod

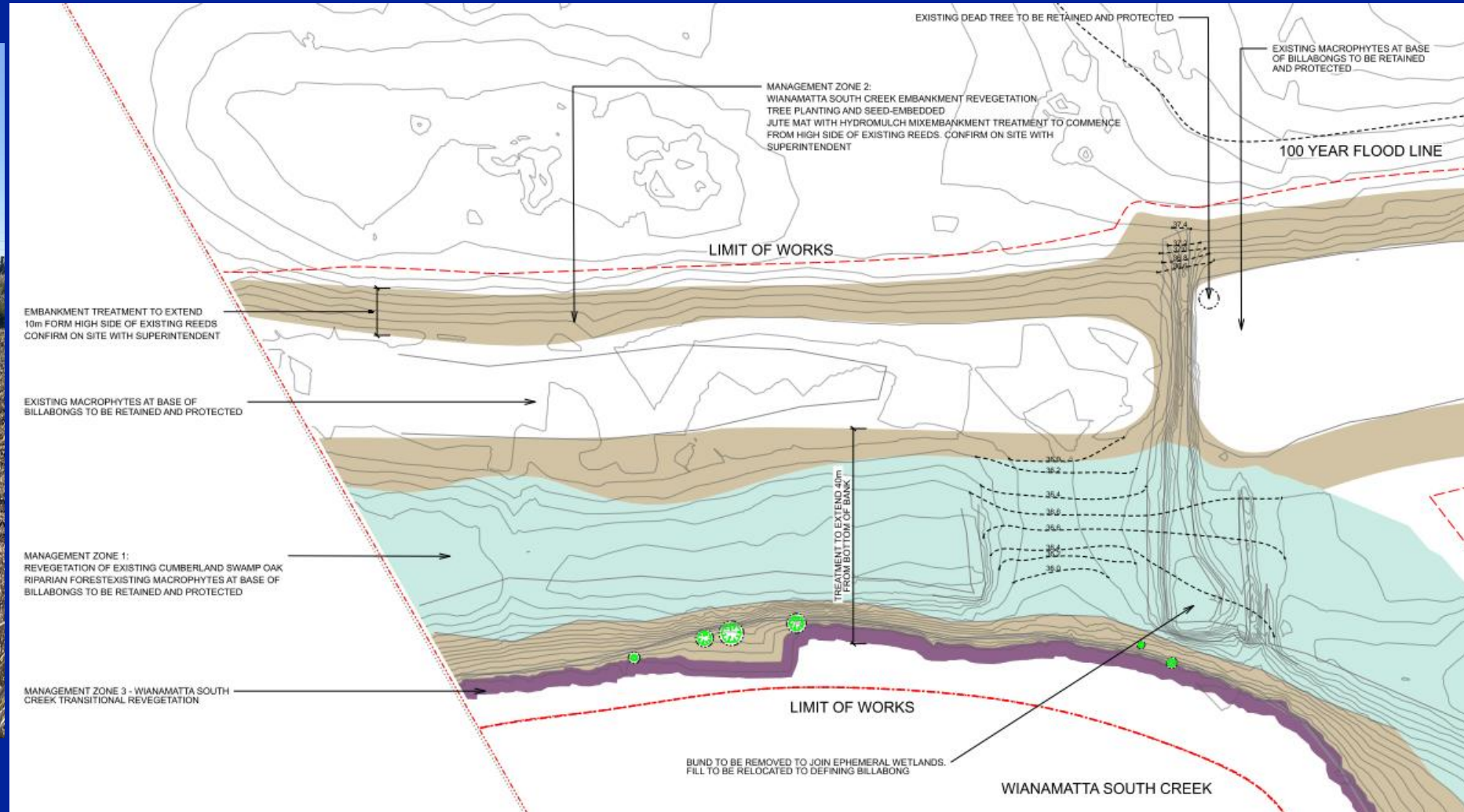


*Dianella longifolia*  
Blue Flag-lily



*Dichondra repens*  
Lunary Weed

# Restoring billabongs



# Dealing with site constraints

*'Landscaping and plant selection will need to be cognisant of site risks including bushfire and aviation risks'*

Performance specification



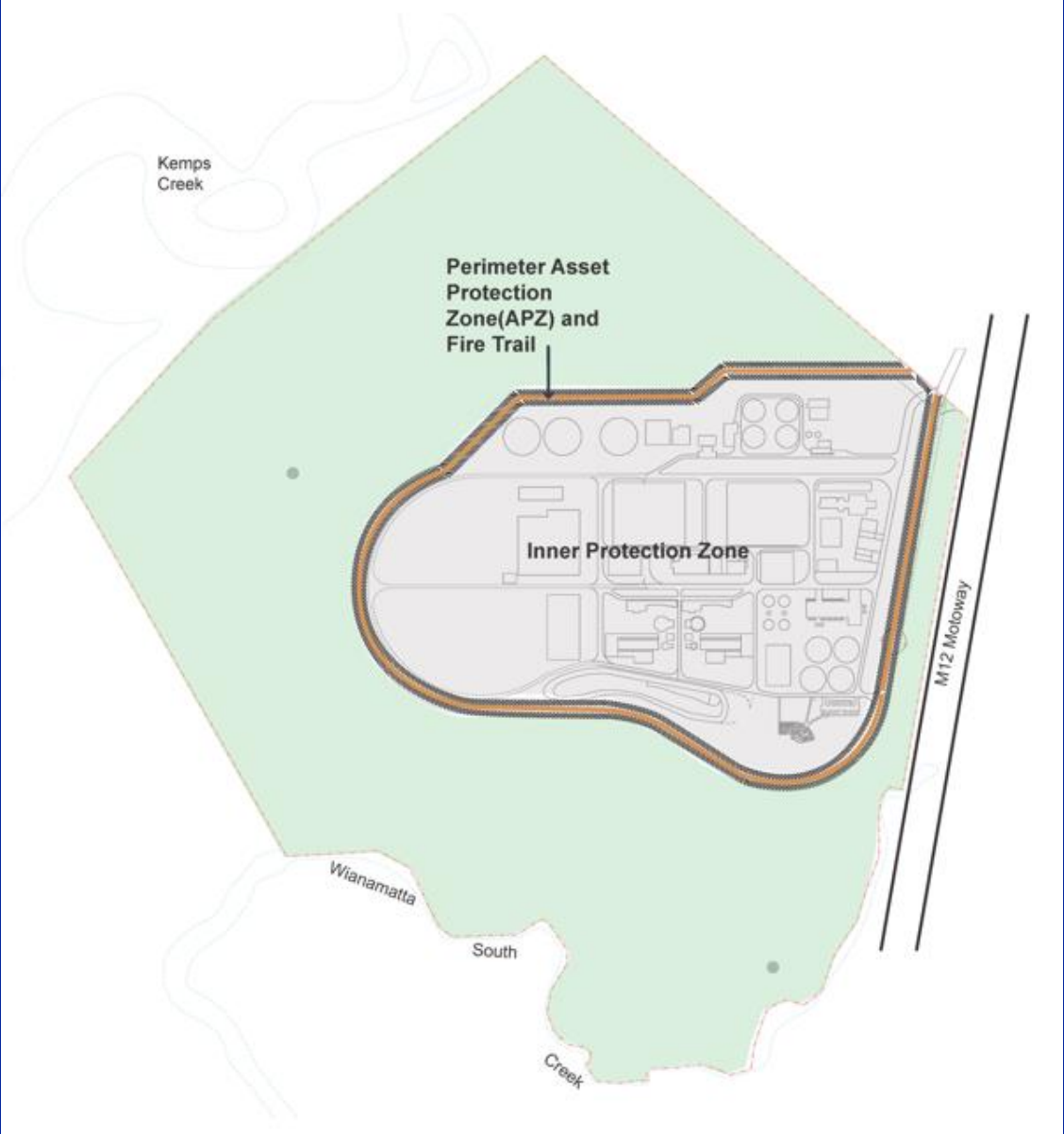
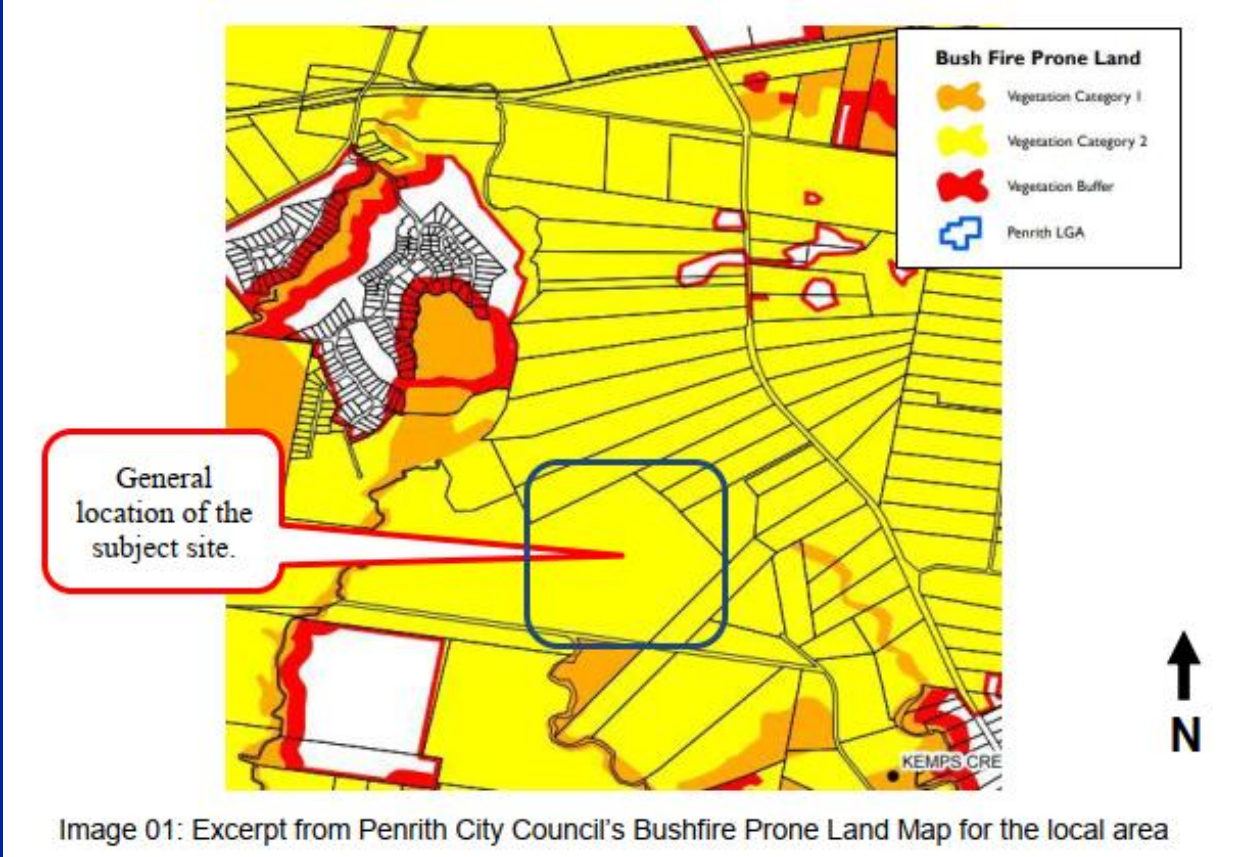
# **Wildlife Management**

- Landscape has been designed to minimise habitats for birds and bats including species selection, depth of water bodies, density of vegetation cover and site operations.
- **Wildlife Management Plan (WMP)** and **Landscape Management Plan (LMP)** - important part of operations, ongoing monitoring and management.
- The wildlife strike mitigation strategy should not preclude the development of the site to improve biodiversity in the region by attracting and support microfauna and other species not considered dangerous to aviation operations.

# Wildlife management



# **Bushfire Risk Management**



## Fire trail and Asset Protection Zone (APZ)

- The M12 Motorway will be an effective APZ for the southern direction.
- Planting will not be dense and arranged in clumps to provide discontinuities in the fuel path (horizontally and vertically).
- Grass within the facility will be kept to 100mm in height.



# Glare and Lighting

# Glare and Lighting

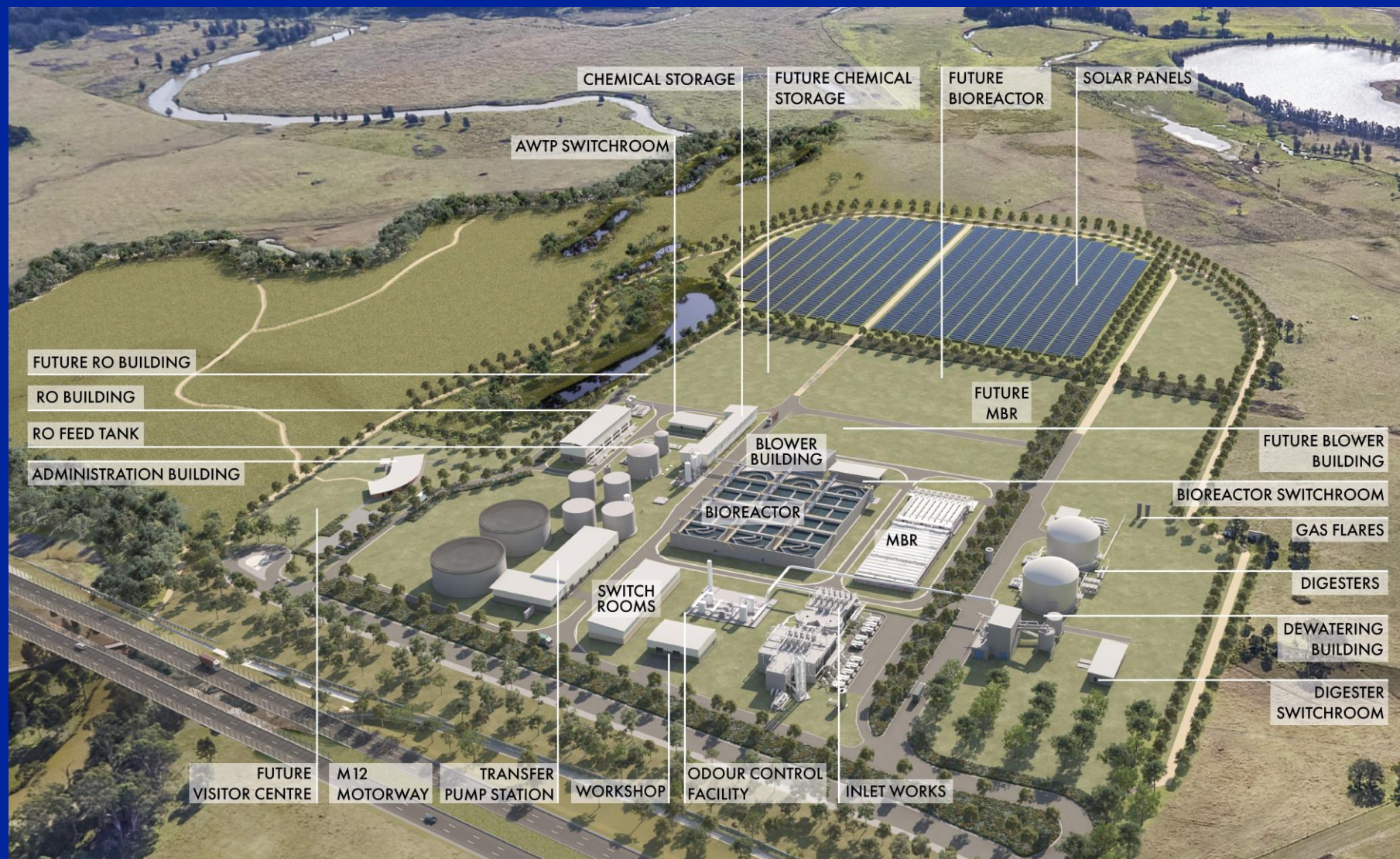
Solar panels are equipped with anti-reflective coating glass to achieve a low glare finish.

Lighting is being design in accordance with:

CASA requirements (The Civil Aviation Act 1988)

AS/NZS 1158 (Lighting for roads and public spaces)

AS/NZS 4282 (Control of the obtrusive effects of outdoor lighting)



# **Green Space Master Planning**



WIANAMATTA  
SOUTH CREEK

KEMPS CREEK

SOLAR PANELS

GREEN SPACE

ADMINISTRATION BUILDING

VISITORS CENTRE

CIRCULAR ECONOMY  
ZONE

M12 MOTORWAY

# **Aboriginal Stakeholder Engagement and Site Naming**

Our engagement is guided by the *Recognise Country: Guideline for development in the Aerotropolis*.

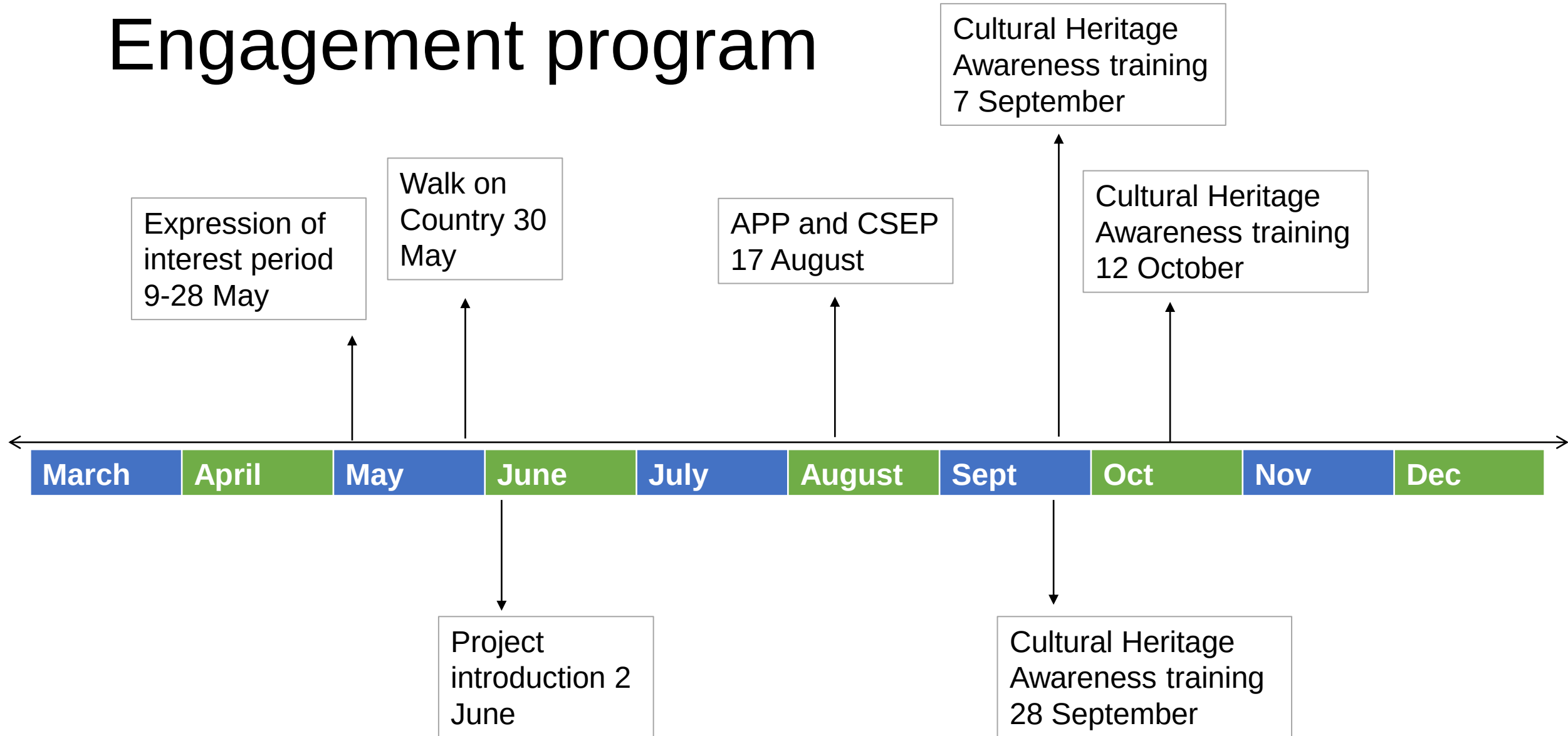
This means:

- Starting with Country
- Undertaking inclusive and transparent engagement
- Elevating the voices of Traditional Custodians
- Maintaining culturally safe spaces

# Types of engagement to date

| Type                          | Detail                                                                                                                                                                                                                                                                                  |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expression of interest period | A broad, inclusive and transparent means of seeking interest from Aboriginal stakeholders to be involved in the project.                                                                                                                                                                |
| Walk on Country               | To visit the site, meet the project team and build understanding of Country in the project site.                                                                                                                                                                                        |
| Online workshops              | To seek feedback and provide updates on a range of set topics and areas of interest. These are either attended by Traditional Custodians and/or Aboriginal stakeholders from the broader Aboriginal community, as well as the project team (Sydney Water, John Holland, GHD and Tract). |

# Engagement program



# **AWRC access road naming**

- We will work with Traditional Custodians and other Aboriginal stakeholders to develop naming options for Sydney Water and the City of Penrith to put to the Geographic Names Board.

## **Site name**

- We will work with Traditional Custodians and other Aboriginal stakeholders to develop naming options for Sydney Water to consider for the overall AWRC site.
- We want to coordinate with councils, government agencies and other local stakeholders in this process.

# Construction update

# Progress

- CEMP approvals received late Aug-23
- Access road from Clifton Avenue open for traffic to AWRC site
- Sediment pond and drains established for construction surface water management
- AWRC bulk earthworks are well progressed
- Inlet works piling has commenced
- Excavation for the bioreactor is almost to required depth
- Crane pads are being established
- Construction site compound and parking being established
- Pipelaying has commenced on the Treated Water pipeline and brine pipeline



**Thank you**

**Questions?**

## Appendix 5 – Landowners Nearby – Evidence of consultation

Stakeholder email sent to the project email list (over 600 people) inviting people to view an artist's impression of the AWRC and review the UDLP online

**From:** Upper South Creek  
**Sent:** Thursday, 29 June 2023 12:50 PM  
**To:** Upper South Creek <[uppersouthcreek@sydneywater.com.au](mailto:uppersouthcreek@sydneywater.com.au)>  
**Subject:** Community Update - Upper South Creek Advanced Water Recycling Centre

Sydney Water is investing in critical infrastructure to support the future population and economic growth of Western Sydney. This includes construction of an Advanced Water Recycling Centre (AWRC) at Kemps Creek. When completed in 2026 the AWRC will deliver sustainable wastewater treatment and high-quality recycled water to deliver a wide range of community benefits.

The attached update has been distributed to nearby homes and businesses in Kemps Creek and is available for viewing on [Sydney Water Talk](#). The update includes:

- Information on [what the AWRC will look like](#)
- A master planning process for Sydney Water's green space around the AWRC
- Construction details and timing
- Where to get more information

To know more, please email the team here or call us on 1800 064 127.

*If you no longer want to receive these emails, please reply with 'unsubscribe'.*

### Upper South Creek Project Team

**Mobile:** 1800 064 127  
[uppersouthcreek@sydneywater.com.au](mailto:uppersouthcreek@sydneywater.com.au)

Level 14, 1 Smith Street  
Parramatta NSW 2150

